03 - HIGHWAY INDEX OF DRAWINGS

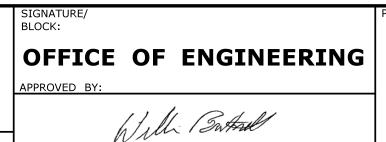
DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
INX-01	HIGHWAY INDEX OF DRAWINGS		
ALN-01 - ALN-04	ALIGNMENT-GEOMETRY		
TYP-01 - TYP-04	TYPICAL SECTION		
MDS-01 - MDS-05	MISCELLANEOUS DETAILS		
NOT-01	GENERAL NOTES		
PLN-01 - PLN-10	HIGHWAY PLAN		
PRO-01 - PRO-06	HIGHWAY PROFILE		
XSC-01 - XSC-47	CROSS SECTION		
PMT-01 - PMT-17	ENVIRONMENTAL PERMIT PLANS		

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

TRANSPORTATION PRINCIPAL ENGINEER

					DESIG
_	-	-	-	THE INFORMATION, INCLUDING ESTIMATED	
-	-	-	-	QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED	CHECK
-	-	-	-	INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE	
-	•	-	-	THE CONDITIONS OF ACTUAL QUANTITIES	
-	-	-	-	OF WORK WHICH WILL BE REQUIRED.	
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 9/19/2013 11:14:43 AM	

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION Filename: ...\HW_MSH_0170_2875_INX-01.dgn



LIST 21 CULVERT REHABILITATION ON I-395

	HIGHWAY INDEX OF DRAWINGS	SHEET NO.
N	IIIOMPSON & MONIVILLE	DRAWING N
	THOMPSON & MONTVILLE	PROJECT NO

03.01

STREAM CHANNEL BASELINE

	HORIZONTAL CONTROLS					CURVE	DATA
	TYPE	STATION	NORTHING	EASTING	CURVE #1	CURVE #2	CURVE #3
1	PC	9+37	910405.98	1237379.21	Delta = 4° 38'36.04"	Delta = 2° 44'17.97"	Delta = 49° 07'45.15"
2	PT	10+00	910392.90	1237317.80	D = 7° 23'34.81" T = 31.42	D = 11° 27'32.96" T = 11.95	$D = 33^{\circ} 26'02.50"(1) D = 190^{\circ} 59'09.35"(2)$
3	ΡΙ	10+08	910391.48	1237309.53	T = 31.42 L = 62.81	L = 23.90	T = 33.27(1) T = 15.77(2) L = 25.43(1) L = 21.27(2)
4	ΡΙ	12+00	910349.19	1237122.61	R = 775.00	R = 500.00	R = 171.37(1) R = 30.00(2)
5	ΡΙ	13+13	910322.31	1237013.11	PI N 910398.19 PI E 1237348.77	PI N 910270.53 PI E 1236809.74	PI N 910248.80
6	ΡΙ	14+93	910278.45	1236838.56	PIE 123/348.//	11 L 1230003.74	PI E 1236712.76
7	PC	15+11	910273.70	1236821.27			
8	PT	15+34	910267.92	1236798.08			
9	PC	15+89	910256.08	1236745.23			
10	PCC	16+14	910252.38	1236720.09			
11	PT	16+35	910258.18	1236700.08			
12	POE	16+61	910273.22	1236679.76			

INLET ACCESS ROAD BASELINE

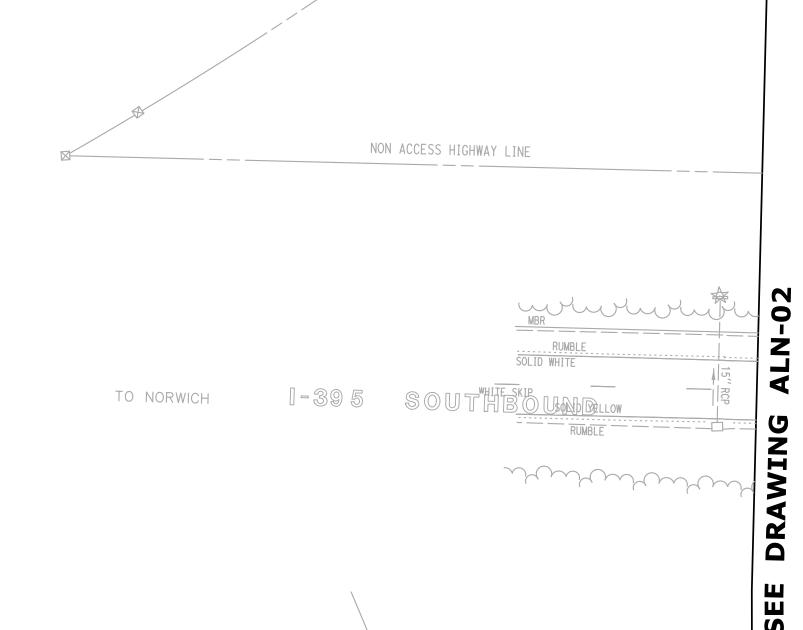
	НС	RIZON	CURVE DATA		
	TYPE	STATION	NORTHING	EASTING	CURVE #1-1
1-1	POB	30+00	910394.17	1237325.02	Delta = 16° 44'10.45"
1-2	PC	30+11	910403.82	1237329.48	D = 54° 03'09.44" T = 15.59
1-3	PT	30+42	910433.41	1237338.21	L = 30.96
1-4	POE	33+37	910726.21	1237379.67	R = 106.00
					PI N 910417.98 PI E 1237336.02

OUTLET ACCESS ROAD BASELINE

TYPE STATION NORTHING E	ASTING
3-1 POB 50+00 910274.76 13	236825.12
3-2 POE 52+71 910006.17 13	236787.56

MEDIAN ACCESS ROAD BASELINE

HORIZONTAL CONTROLS					CURVE	DATA	
	TYPE	STATION	NORTHING	EASTING	CURVE #2-1	CURVE #2-2	
2-1	POB	40+00	910339.55	1237083.33	Delta = 80° 07'34.55"	Delta = 42° 09'29.88"	
2-2	PC	40+25	910315.49	1237089.24	D = 572° 57'28.06" T = 8.41		D = 190° 59'09.35" T = 11.56
2-3	PT	40+39	910303.95	1237083.54	7 1 - 6.41 L = 13.98	L = 22.07	
2-4	PC	41+31	910267.04	1236999.32	R = 10.00	R = 30.00	
2-5	PT	41+53	910251.85	1236983.99	PI N 910307.32 PI E 1237091.24	PI N 910262.40 PI E 1236988.72	
2-6	POE	43+57	910065.59	1236900.36	7 FIL 123/091.24	FI L 1230900.72	



REVISION DESCRIPTION

1 "C-L"CB TF= 403.57' FL= 399.17'(W) BT= 399.17'	2 "C-L" CB TF= 398.41 FL= 394.01'(W) BT= 392.26'	3 "C-L" CB TF= 398.00' FL= 393.80'(E) FL= 393.50'(W) BT= 391.75'	4 "C-L" CB TF= 398.01' FL= 393.61'(W) BT= 391.81'	5 "C-L" CB TF= 397.90" FL= 392.90"(E) FL= 392.90"(W) BT= 391.40"	6 "C-L" CB TF = 398.48" FL = 394.38' (W) BT = 392.08'	7 "C-L" CB TF = 398.33" FL = 393.78'(E) FL = 393.68'(W) BT = 392.13'	8 "C-L" CB TF= 413.18' FL= 408.08'(E) BT= 405.78'
9 "C-L" CB TF= 413.28" FL= 408.18" (W) FL= 407.88" (N) BT= 405.73"	10 "C-L" CB TF= 411.40" FL= 406.80"(E) BT= 404.85"	11 "C-L" CB TF= 411.30" FL= 406.70" (W) FL= 405.10" (E) FL= 405.10" (S)	12 "C-L" CB TF= 411.79" FL= 407.19'(E) BT= 404.74'	13 "C-L" CB TF = 411.64" FL = 406.54" (W) FL = 406.39" (E) BT = 404.34"	14 "C-L" CB TF= 415.66' FL= 411.46'(E) BT= 409.11'	15 "C-L" CB TF= 415.49" FL= 410.64"(E) FL= 410.64"(W) BT=408.54"	

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-	-	-	-	THE INFORMATION, INCLUDING ESTIMATED	
-	-	-	-	QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED	CH
-	-	-	-	INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE	
-	-	-	-	THE CONDITIONS OF ACTUAL QUANTITIES	
-	-	-	-	OF WORK WHICH WILL BE REQUIRED.	١
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ı	QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED	CHECKED BY:
1	INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE	BKK
-	THE CONDITIONS OF ACTUAL QUANTITIES	SCALE IN FEET
-	OF WORK WHICH WILL BE REQUIRED.	
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SHEET NO.	Plotted Date: 9/19/2013 11:14:52 AM	SCALE 1"=40'

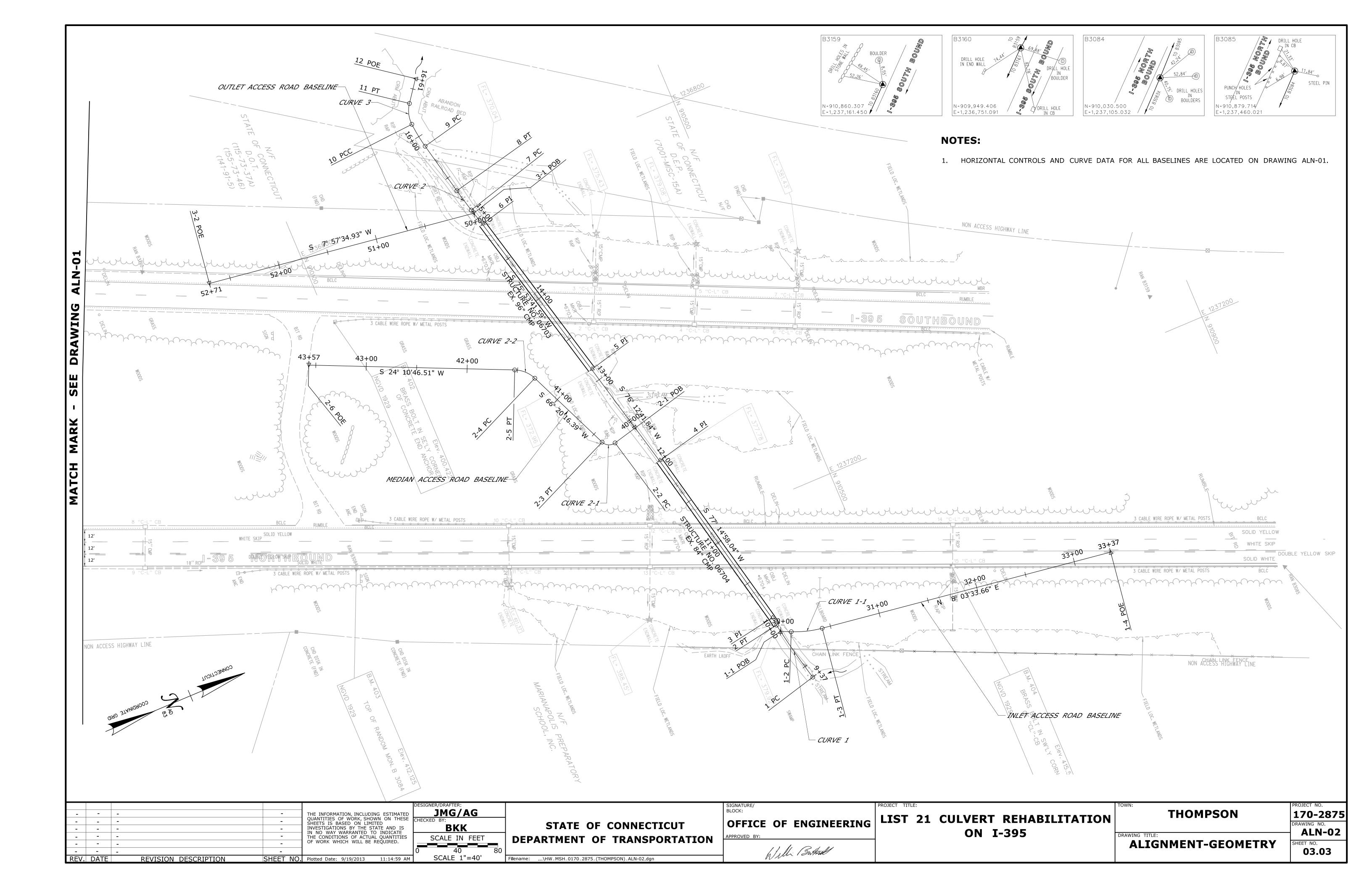
STATE OF CONNECTICUT	CONNECTICUTA CONNECTICUTA A PARA SOLUTION OF TRANS
DEPARTMENT OF TRANSPORTA	TION

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SIGNATURE/ BLOCK:	
OFFICE OF ENGINEERING	
APPROVED BY:	
Will Butal	
WWW	

PROJECT TITLE:	
LIST 21	CULVERT REHABILITATION
	ON I-395

/N:	PROJECT N
THOMPSON	170-
	DRAWING
	ALI
WING TITLE:	^-
ALIGNMENT-GEOMETRY	SHEET NO.



STREAM CHANNEL BASELINE

	HORIZONTAL CONTROLS					
CONTROL	STATION		COORE	ANIC	TES	
1 - POB	9+70.00	N	216873.36	Е	770913.35	
2 - PC	11+30.60	N	216815.19	Е	771063.05	
3 - PT	11+43.50	N	216807.09	Е	771072.80	
4 - PC	11+59.97	N	216793.09	Е	771081.48	
5 - PT	11+67.14	N	216787.80	Е	771086.26	
6 - PC	13+38.91	N	216682.81	Е	771222.21	
7 - PT	13+52.97	N	216671.16	Е	771229.55	
8 - POE	13+76.65	N	216648.01	Е	771234.49	

CU	RV	F	D	ΔΊ	ΓΔ
CU	L/ A	_			

CURVE #1	CURVE #2
Delta = $36^{\circ} 58'07.17"$	Delta = 20° 31'43.55"
$D = 286^{\circ} 28'44.03"$	$D = 286^{\circ} 28'44.03"$
T = 6.69	T = 3.62
L = 12.90	L = 7.17
R = 20.00	R = 20.00
PI N 216812.77	PI N 216790.01
PI E 771069.28	PI E 771083.39
CURVE #3	
Delta = 40° 16'56.60"	
$D = 286^{\circ} 28'44.03"$	

T = 7.34L = 14.06R = 20.00

PI N 216678.33 PI E 771228.02

INLET HAUL ROAD BASELINE

	HORIZO	NTA	AL CONTRO	LS	
CONTROL	STATION		COORE	INA	TES
1-1 - POB	50+00.00	Ν	216867.75	Е	770927.78
1-2 - PC	51+23.42	N	216962.51	Е	771006.85
1-3 - POE	52+64.40	N	217081.86	Е	771081.03
	CU	RV	E DATA		
CURVE #1	l-1				
Delta = 1	L5° 57'47.85	5"			
D = 11° 19'23.80"					
T = 70.95					
L = 140.9	98				
R = 506.	00				
			l .		

PI N 217016.99

PI E 771052.31

MEDIAN HAUL ROAD BASELINE

HORIZONTAL CONTROLS						
CONTROL	STATION		COORD	INA	TES	
2-1 - POB	20+00.00	N	216807.09	Е	771072	80
2-2 - PC	22+03.76	N	216646.60	Е	770947	.26
2-3 - PRC	22+66.50	N	216593.52	Е	770914	.03
2-4 - PT	28+62.84	N	216088.35	Е	770599	.11
2-5 - POE	30+20.00	N	215964.21	Е	770502	.73
	CU	RV	E DATA			
CURVE #2-1 CURVE #2-2						
Delta = 1	l1° 58'53.50)"	Delta =	Delta = 11° 46'18.63"		
D = 19	° 05'54.94"		D = 0	1° 58	3'26.45"	
T = 31.48		T = 299.	22			
L = 62.74		L = 596.	34			
R = 300.00		R = 290	2.50			
PI N 2166	521.80		PI N 2163	324.	70	
1			1		_	

PI E 770782.61

PI E 770927.86

OUTLET HAUL ROAD BASELINE

HORIZONTAL CONTROLS					
CONTROL	STATION		COORD	INA	TES
3-1 - POB	70+00.00	N	216663.79	Е	771231.12
3-2 - PC	71+84.53	N	216567.75	Е	771073.56
3-3 - PT	72+91.52	N	216497.12	Е	770993.95
3-4 - POE	73+06.64	N	216485.23	Е	770984.60
CURVE DATA					
CURVE #3					
Delta = 2)"				

CONVE #3 1	
Delta = 20° 26'00.19"	
$D = 19^{\circ} 05'54.94''$	
T = 54.07	
L = 106.99	
R = 300.00	
PI N 216539.60	
PI E 771027.39	
	ı

1 "C" CB TOP = 104.96' BOT = 96.51' FL = 98.66' (NW) FL = 98.26' (SE)	2 "C-L" CB TOP = 112.55' BOT = 106.95' FL = 108.25' (NW) FL = 108.25' (SE)	3 "C" CB TOP = 113.64' BOT = 106.84' FL = 108.94'	4 "C" CB TOP = 116.14' BOT = 106.79' FL = 108.29' (NW) FL = 108.19' (SE)	5 "C-L" CB TOP = 115.02' BOT = 107.32' FL = 109.37' (NW) FL = 109.37' (SE)
6 "C" CB TOP = 115.64' BOT = 109.34' FL = 111.14'	7 "C" CB TOP = 122.02' BOT = 114.42' FL = 117.07' (NW) FL = 116.97' (SE)	8 "C" CB TOP = 122.19' BOT = 115.19' FL = 117.51'	9 "C" CB TOP = 117.67' BOT = 111.07' FL = 112.87' (SE) FL = 112.57' (NW)	10 "C" CB TOP = 118.99' BOT = 111.14' FL = 113.41' (NW)
11 "C" CB TOP = 120.78' BOT = 113.28' FL = 114.83' (NW) FL = 114.78' (SE)	12 "C" CB TOP = 120.15' BOT = 113.58' FL = 115.33' (SE)	13 "C" CB TOP = 134.62' BOT = 128.42' FL = 129.27' (SE) FL = 129.07' (NW)	14 "C" CB TOP = 134.40' BOT = 127.55' FL = 129.75'	15 "C" CB TOP = 126.17' BOT = 118.58' FL = 121.27' (SE) FL = 120.75' (NW)

16 "C" CB TOP = 126.44' BOT = 119.84' FL = 122.01' (NW)

Approximate Non-Access Highway Line MATCH CURVE 2-2-MERUNUMUM FUNCTION OF THE PORT S 37° 49'31.72" W 30+080+50 - MEDIAN HAUL ROAD BASELINE

		TUDITYECTION
	3	
GOORDMATE GRID	O.B	
TE CHID	· ·	

-		-	_	THE INFORMATION, INCLUDING ESTIMATED
	1	-	-	QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED
-	-	-	-	INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE
-	-	-	-	THE CONDITIONS OF ACTUAL QUANTITIES
-	-	-	-	OF WORK WHICH WILL BE REQUIRED.
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REVISION DESCRIPTION

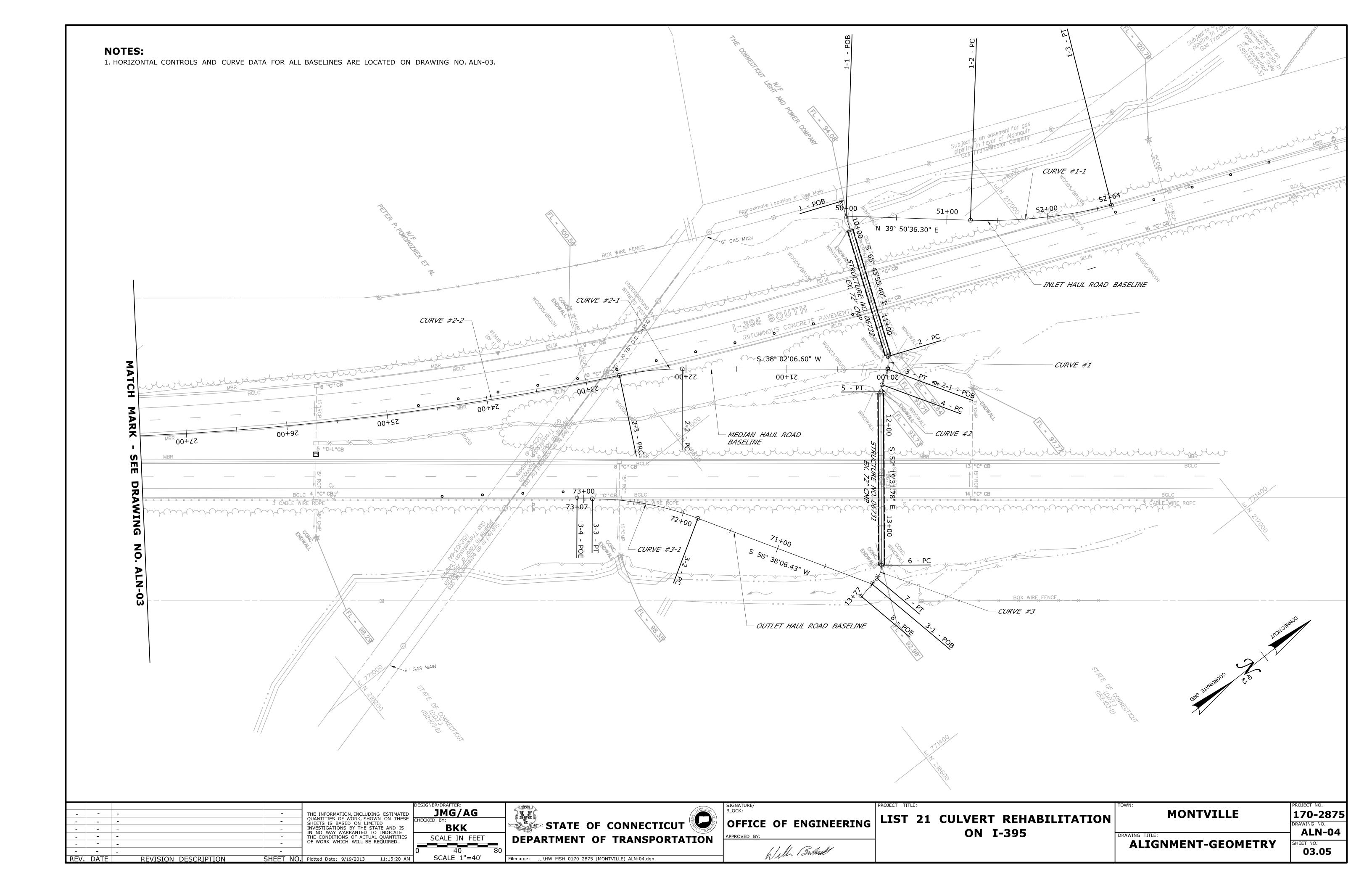
	THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS	DESIGNER/DRAFTER:			
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-		BKK			
-	THE CONDITIONS OF ACTUAL QUANTITIE	S	SCALE IN FEET		
-	OF WORK WHICH WILL BE REQUIRED.				
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SHEET NO.	Plotted Date: 9/19/2013 11:15:13	АМ	SCALE 1"=40'		

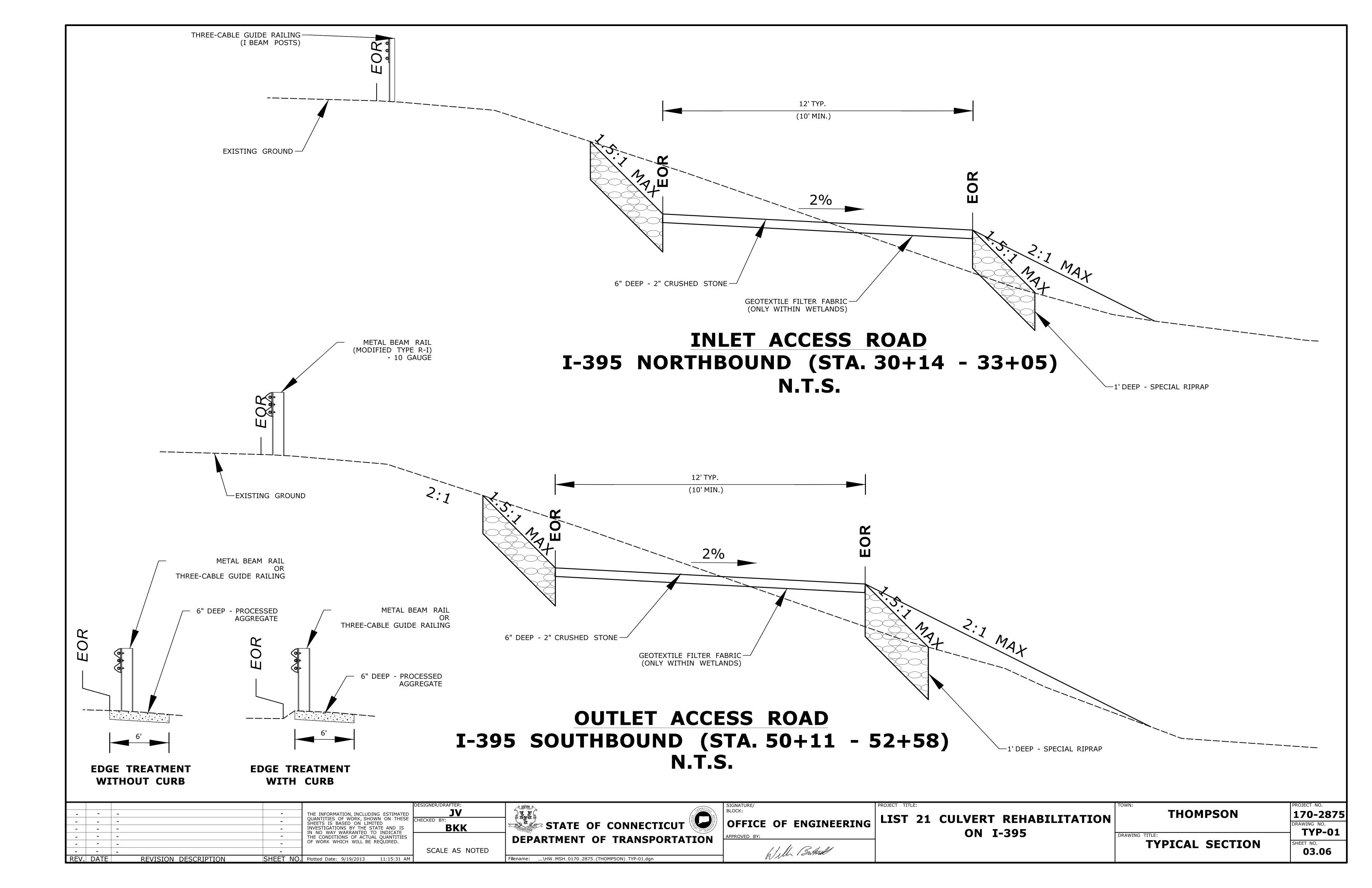
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APPROVED BY:	
Will Butall	

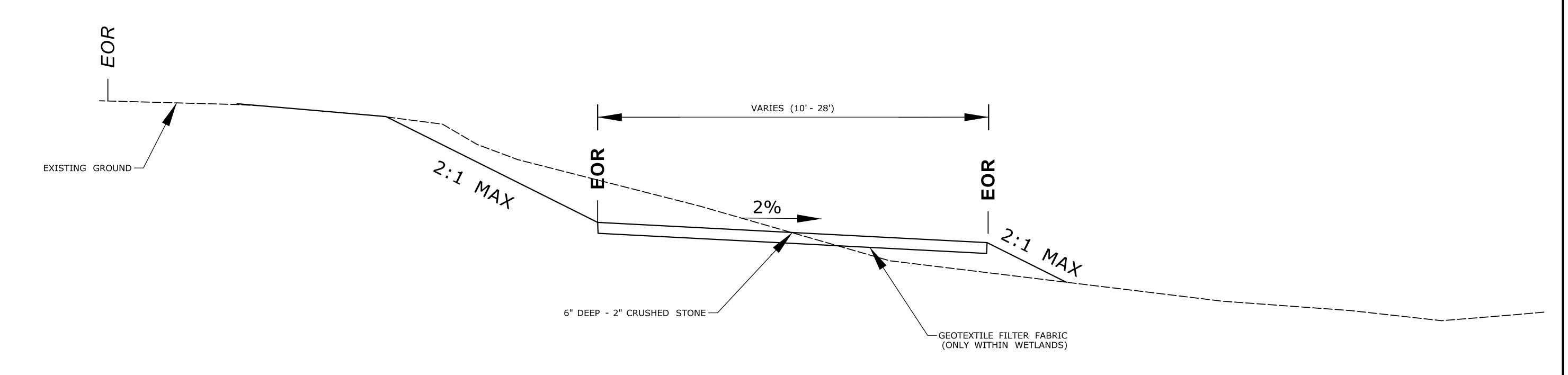
LIST 21 CULVERT REHABILITATION ON I-395

MONTVILLE	170-2875
WING TITLE:	DRAWING NO. ALN-03
ALIGNMENT-GEOMETRY	SHEET NO. 03.04

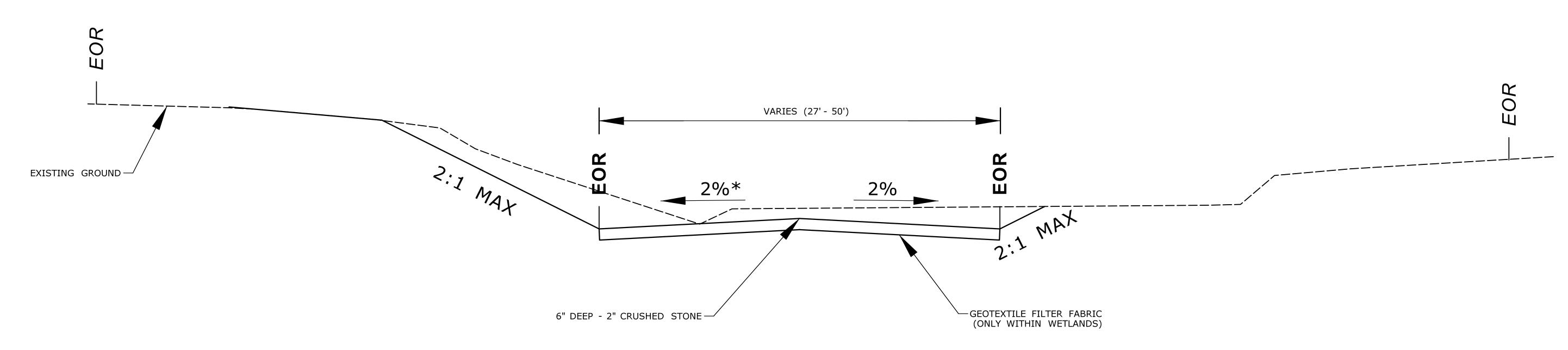




MEDIAN ACCESS ROAD N.T.S.



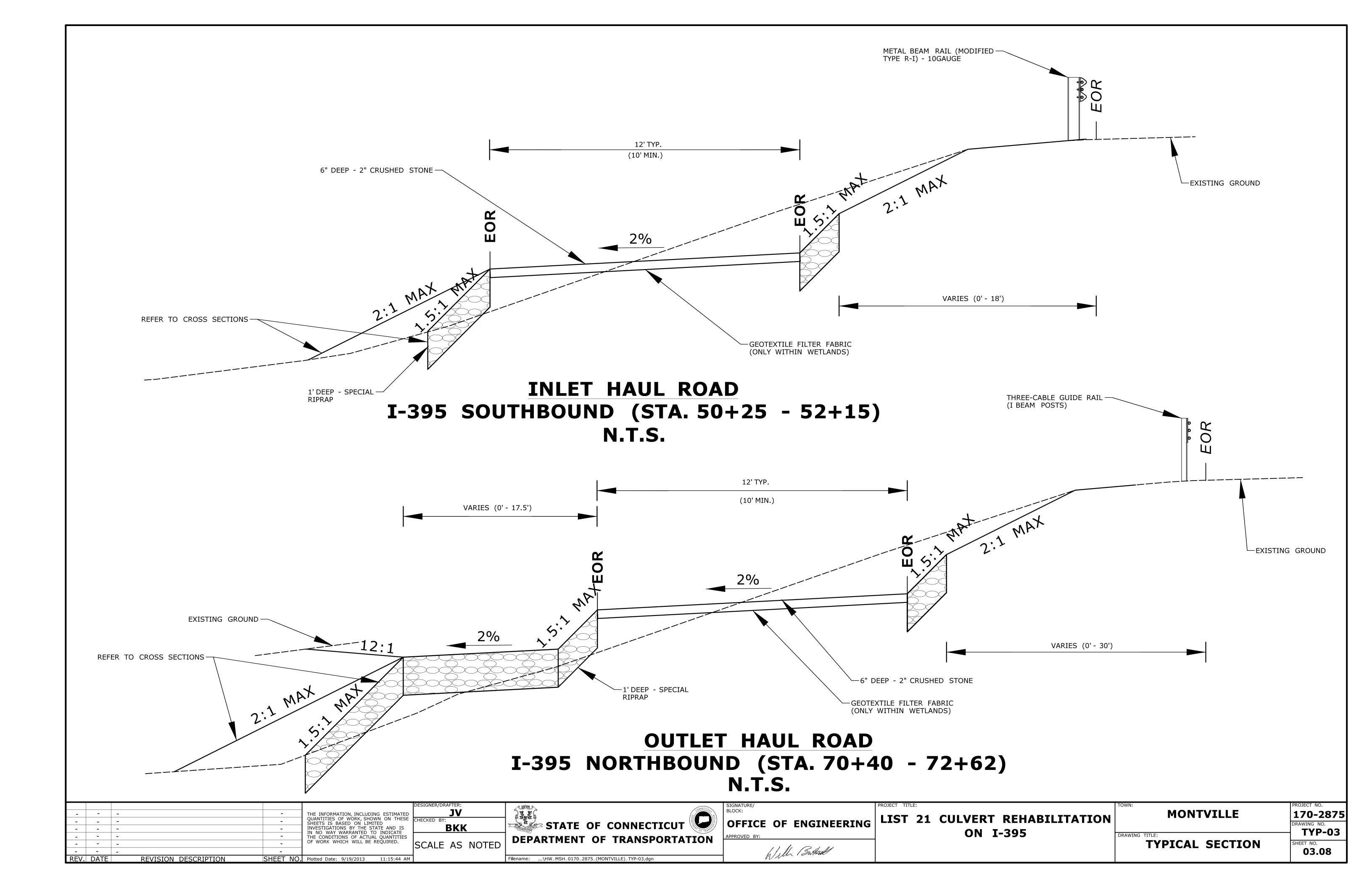
I-395 BANKED SECTION (STA. 40+08 - 41+00)

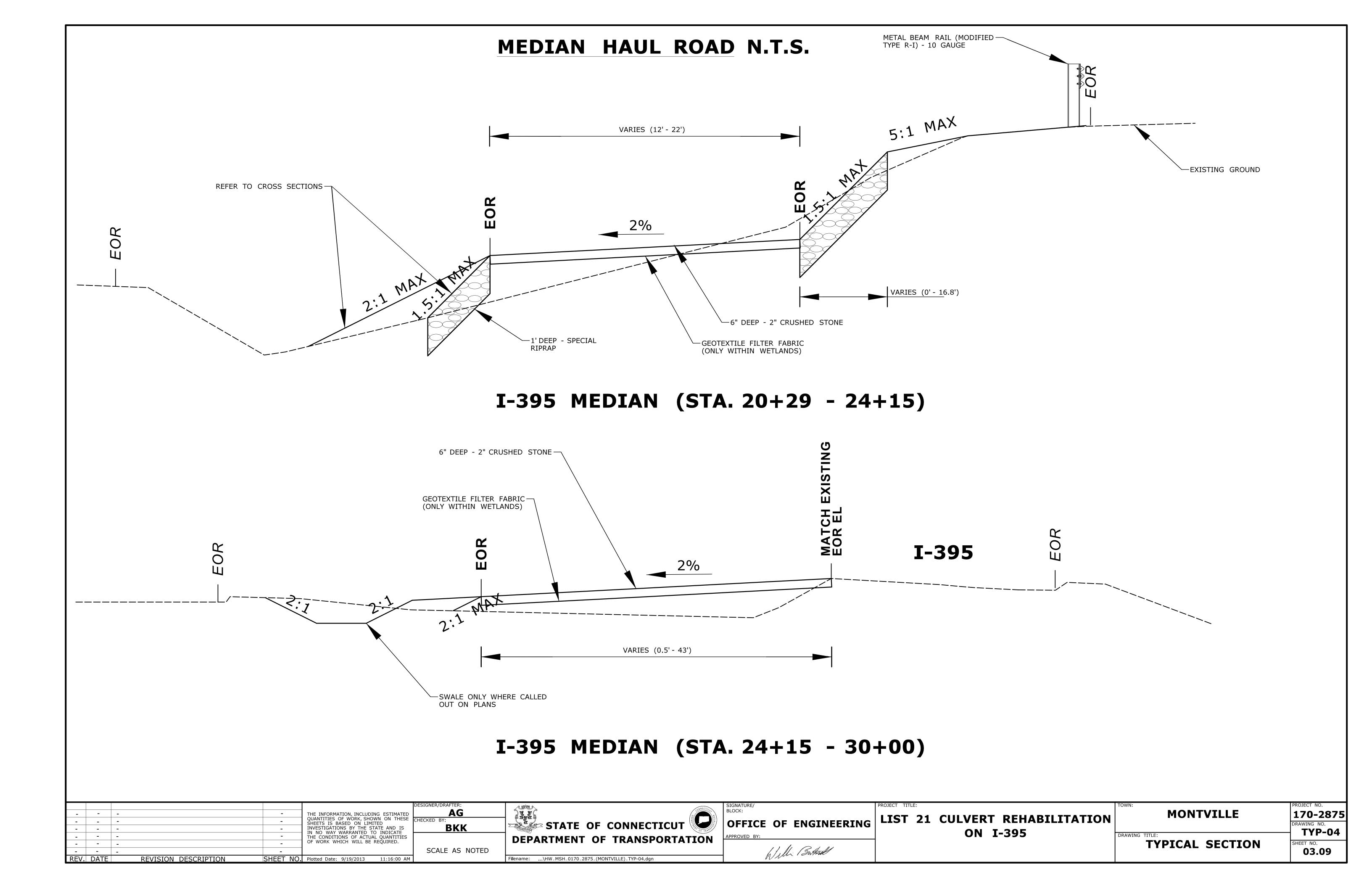


I-395 NORMAL SECTION (STA. 41+50 - 43+57)

*CROSS SLOPE IS 2% OR AS SHOWN ON CROSS SECTION

L			DESIGNER/DRAFTER:	CNNECTIC	SIGNATURE/	ROJECT TITLE:	TOWN:	PROJECT NO.
L		- THE INFORMATI	TON, INCLUDING ESTIMATED AG		BLOCK.	LIST 21 CULVERT REHABILITATION	THOMPSON	170-2875
L		GUANTITIES OF SHEETS IS BASE	SED ON LIMITED CHECKED BY:	STATE OF CONNECTICUT	OFFICE OF ENGINEERING	LIST 21 CULVERT REHABILITATION		DRAWING NO.
L		- INVESTIGATION	NS BY THE STATE AND IS VARRANTED TO INDICATE	SIAIL OI CONNECTICOI		ON I-395		─ TYP-02
		- THE CONDITION	NS OF ACTUAL QUANTITIES	DEPARTMENT OF TRANSPORTATION	APPROVED BY:	ON 1-393	DRAWING TITLE:	
		OF WORK WHI		DEFARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
			SCALE AS NOTED		61, ll Sward			03.07
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STRUCTURE NO. 06703

EXISTING: 96" - CORRUGATED METAL PIPE

PROPOSED: 84" - ALUMINIZED STEEL CMP (TYPE 2)

EXISTING INLET INV. EL = 372.96' PROPOSED INLET INV. EL = 373.21'

EXISTING OUTLET INV. EL = 370.04' PROPOSED OUTLET INV. EL = 370.29'

STRUCTURE NO. 06704

EXISTING: 84" - CORRUGATED METAL PIPE

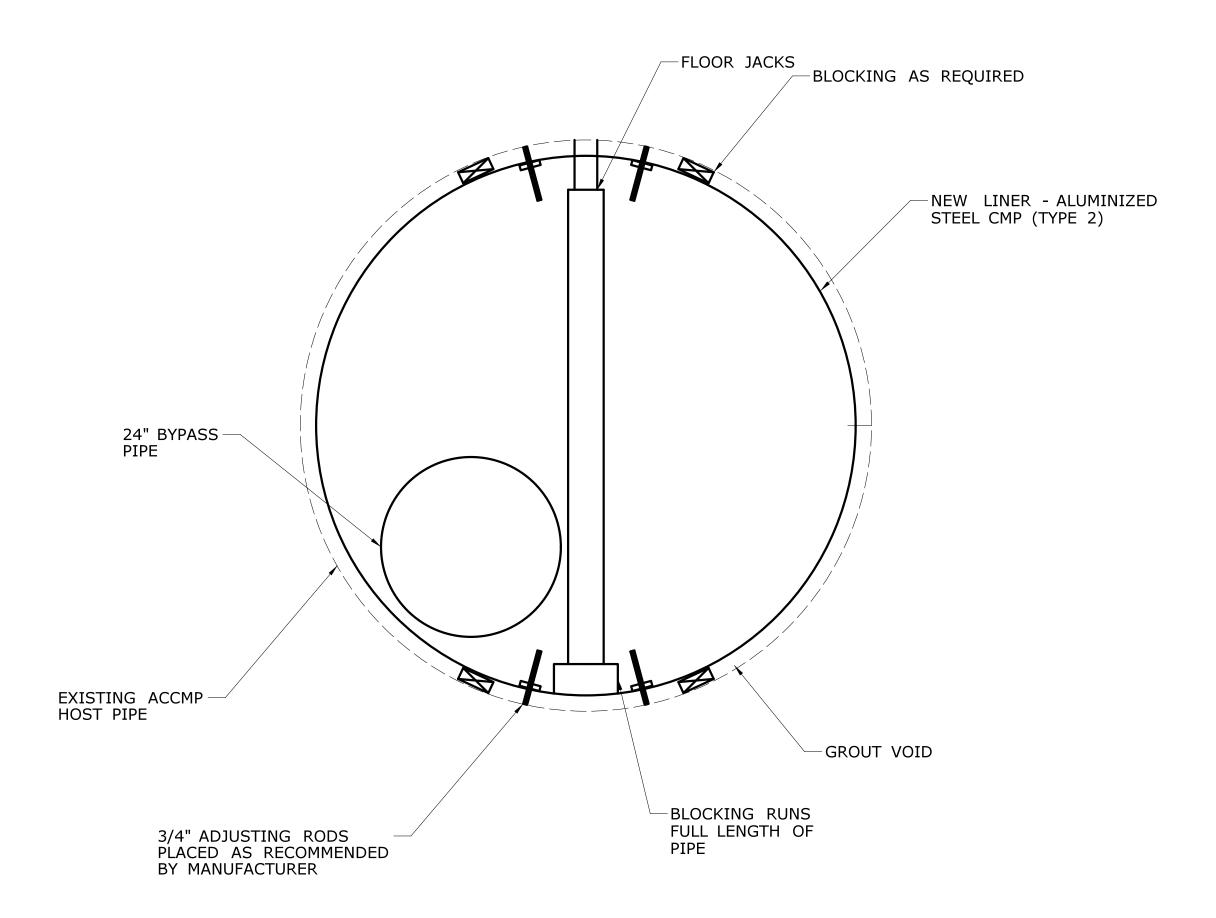
PROPOSED: 76" - ALUMINIZED STEEL CMP (TYPE 2)

EXISTING INLET INV. EL = 379.92' PROPOSED INLET INV. EL = 380.17'

EXISTING OUTLET INV. EL = 377.78' PROPOSED OUTLET INV. EL = 378.03'

TABLE 3-1, DOT DRAINAGE MANUAL	STRUCTURE NO. 06703	STRUCTURE NO. 06704
DRAINAGE AREA	0.30 SQ MI	0.30 SQ MI
DESIGN FREQUENCY	50 YEAR	50 YEAR
DESIGN DISCHARGE	80 CFS	80 CFS
AVERAGE DAILY FLOW ELEVATION (ESTIMATED)	374.67 FT	380.46 FT
UPSTREAM DESIGN WATER SURFACE ELEVATION	376.91 FT	383.71 FT
DOWNSTREAM DESIGN WATER SURFACE ELEVATION	371.62 FT	378.80 FT
MAXIMUM SCOUR ELEVATION	N/A	N/A
FREQUENCY	N/A	N/A
DISCHARGE	N/A	N/A
WORST CASE SCOUR SUB-STRUCTURE UNIT	N/A	N/A

TABLE 3-3, DOT DRAINAGE MANUAL	STRUCTURE NO. 06703	STRUCTURE NO. 06704
AVERAGE DAILY FLOW	0.6 CFS	0.6 CFS
AVERAGE SPRING FLOW	1.1 CFS	1.1 CFS
TEMPORARY DESIGN DISCHARGE	10 CFS	10 CFS
TEMPORARY DESIGN FREQUENCY	2 YEAR	2 YEAR
TEMPORARY WATER SURFACE ELEVATION UPSTREAM	375.88 FT	382.59 FT
TEMPORARY WATER SURFACE ELEVATION DOWNSTREAM	370.60 FT	378.20 FT



SECTIONAL VIEW

NTS

SHEET NO. Plotted Date: 9/19/2013 11:16:05 AM

NOTES: 1. THE PROPOSED LINER SHALL BE CORRUGATED STEEL PIPE ALUMINIZED TYPE2 10GAUGE. IT SHALL PROVIDE MANNING'S COEFFICIENT OF 0.024 WITH A 3"x1" OR 5"x1" CORRUGATION.

2. ALTERNATIVES TO BLOCKING MAY BE UTILIZED AT BOTTOM OF PIPE SUCH AS SKID RAILS.

3. INTERNAL COUPLING BANDS ARE ANTICIPATED DUE TO LIMITED ROOM IN THE ANNULAR SPACE.

PETER ELEVATION VIEW

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

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REVISION DESCRIPTION

REV. DATE

IGNER/DRAFTER:

JDV

CKED BY:

BKK

DEPARTMENT OF TRANSPORTATION

SCALE AS NOTED

Filename: ...\HW_MSH_0170_2875_MDS-01.dgn

SIGNATURE/
BLOCK:

OFFICE OF ENGINEERING

APPROVED BY:

PROJECT

LIST

APPROVED BY:

LIST 21 CULVERT REHABILITATION
ON I-395

NTS

THOMPSON	PROJECT NO. 170-287!
DRAWING TITLE:	DRAWING NO. MDS-01
TYPICAL DETAIL CULVERT REHABILITATION	SHEET NO. 03.10

STRUCTURE NO. 06731

72" - CORRUGATED METAL PIPE **EXISTING:** PROPOSED: 62" - CORRUGATED ALUMINUM PIPE

(SMOOTH INTERIOR) - 10 GUAGE

EXISTING INLET INV. EL = 93.73' PROPOSED INLET INV. EL = 93.98'

EXISTING OUTLET INV. EL = 92.98' PROPOSED OUTLET INV. EL= 93.23'

STRUCTURE NO. 06732

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REVISION DESCRIPTION

REV. DATE

EXISTING: 72" - CORRUGATED METAL PIPE 62" - CORRUGATED ALUMINUM PIPE PROPOSED: (SMOOTH INTERIOR) - 10 GAUGE

EXISTING INLET INV. EL = 94.08' PROPOSED INLET INV. EL = 94.33'

EXISTING OUTLET INV. EL = 93.71' PROPOSED OUTLET INV. EL= 93.96'

TABLE 3-1, DOT DRAINAGE MANUAL	STRUCTURE NO. 06731	STRUCTURE NO. 06732
DRAINAGE AREA	0.43 SQ MI	0.43 SQ MI
DESIGN FREQUENCY	50 YEAR	50 YEAR
DESIGN DISCHARGE	150 CFS	150 CFS
AVERAGE DAILY FLOW ELEVATION (OBSERVED ON 01/21/10)	96.74 FT	96.87 FT
UPSTREAM DESIGN WATER SURFACE ELEVATION	99.36 FT	100.57 FT
DOWNSTREAM DESIGN WATER SURFACE ELEVATION	97.18 FT	99.37 FT
MAXIMUM SCOUR ELEVATION	N/A	N/A
FREQUENCY	N/A	N/A
DISCHARGE	N/A	N/A
WORST CASE SCOUR SUB-STRUCTURE UNIT	N/A	N/A

TABLE 3-3, DOT DRAINAGE MANUAL	STRUCTURE NO. 06731	STRUCTURE NO. 06732
AVERAGE DAILY FLOW	0.8 CFS	0.8 CFS
AVERAGE SPRING FLOW	1.5 CFS	1.5 CFS
2-YEAR FREQUENCY DISCHARGE	40 CFS	40 CFS
TEMPORARY DESIGN DISCHARGE	6 CFS	6 CFS
TEMPORARY DESIGN FREQUENCY	4 X AVG SPRING FLOW	4 X AVG SPRING FLOW
TEMPORARY WATER SURFACE ELEVATION UPSTREAM	95.24 FT	95.57 FT
TEMPORARY WATER SURFACE ELEVATION DOWNSTREAM	94.64 FT	95.24 FT

MONTVILLE

TYPICAL DETAIL

CULVERT REHABILITATION

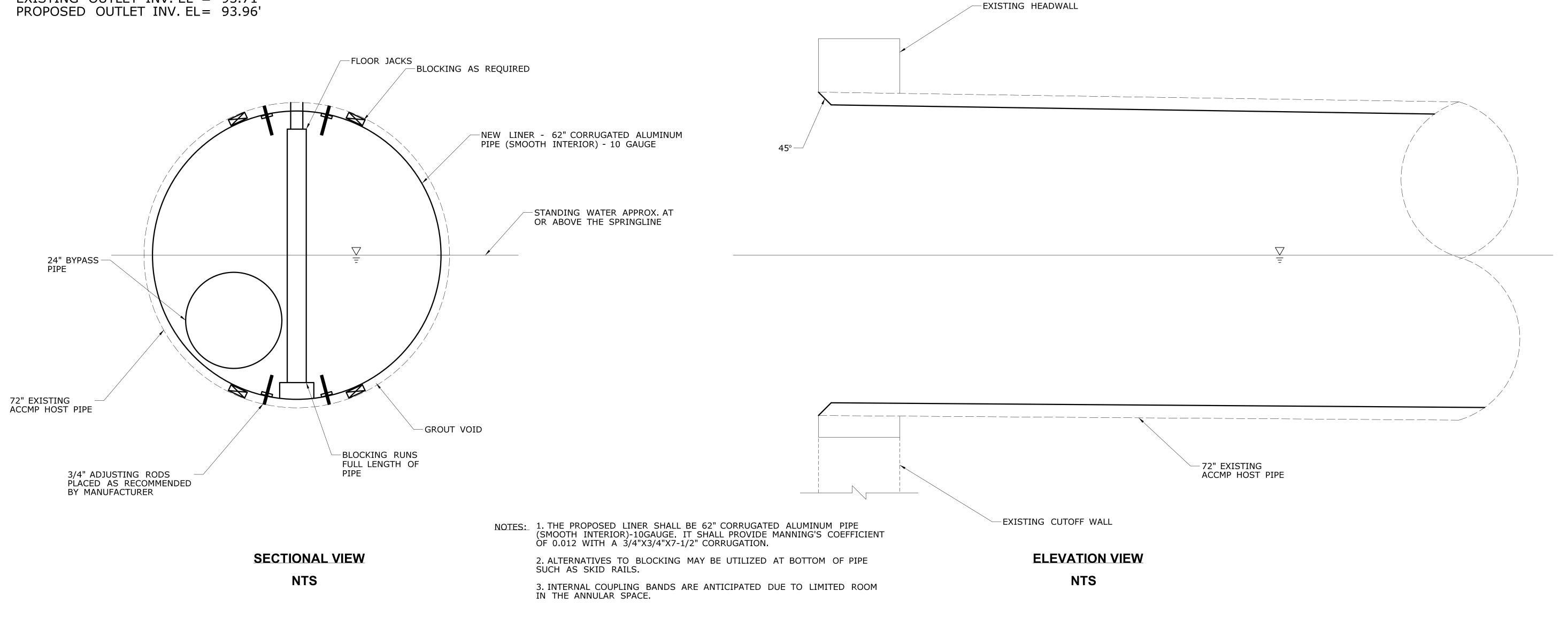
LIST 21 CULVERT REHABILITATION

ON I-395

170-2875

MDS-02

03.11



OFFICE OF ENGINEERING

Will Butsell

STATE OF CONNECTICUT

DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0170_2875_MDS-02.dgn

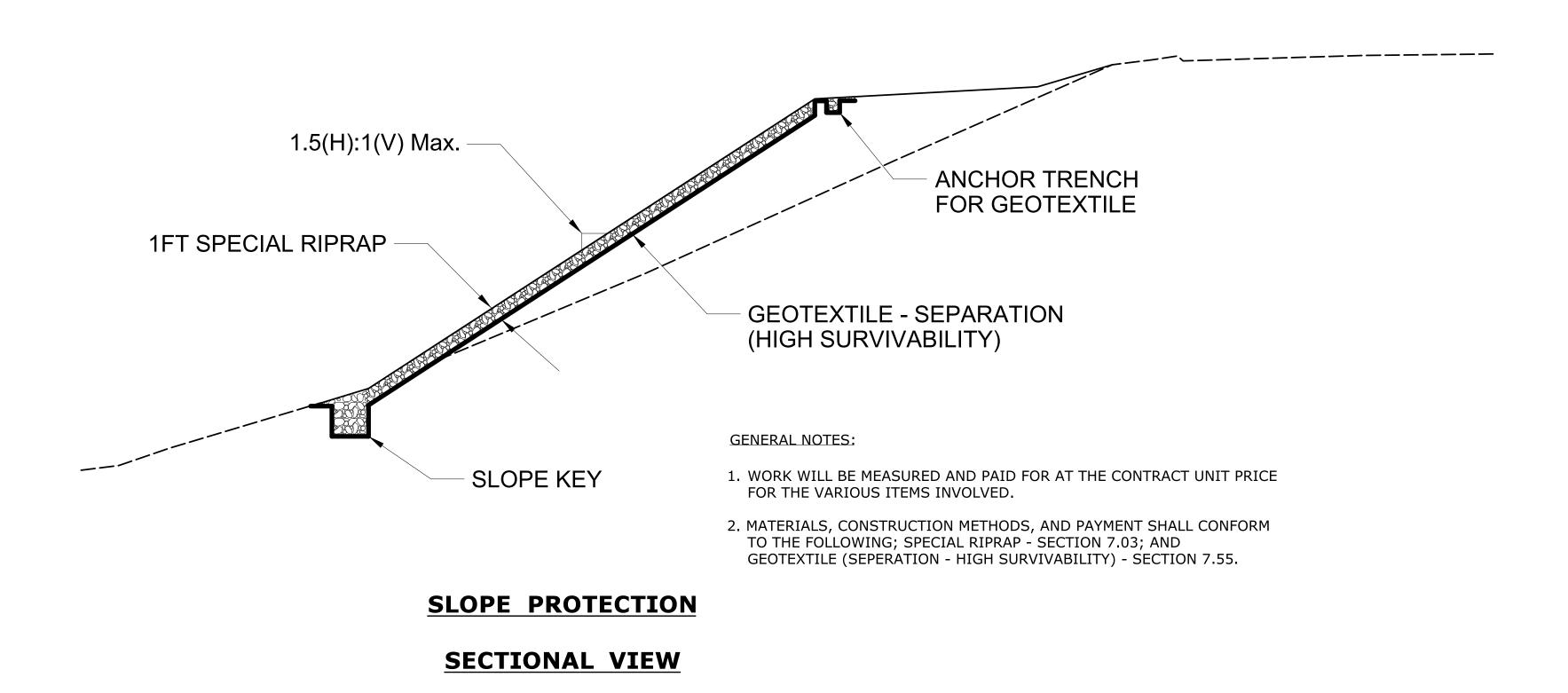
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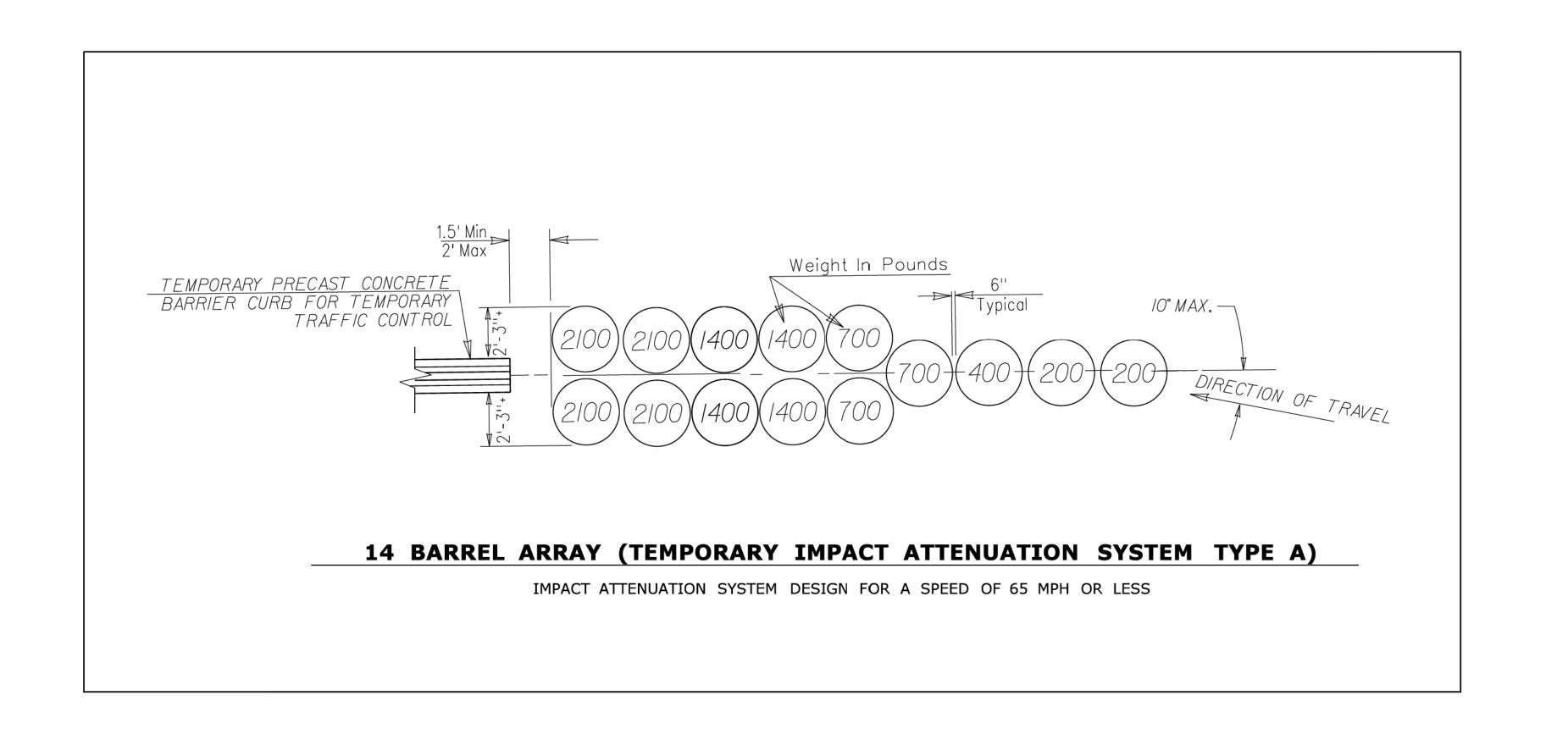
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SCALE AS NOTED

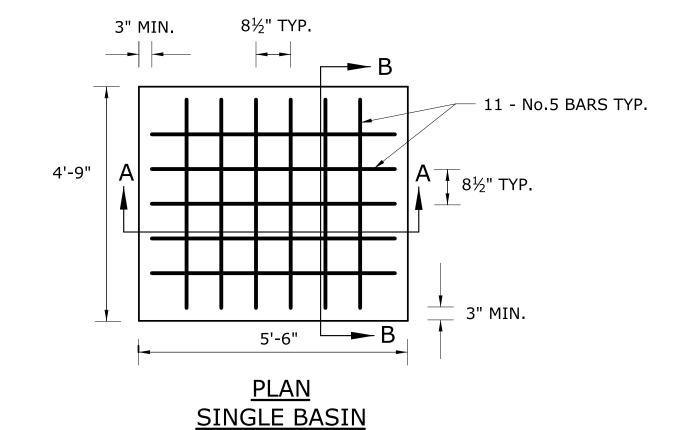
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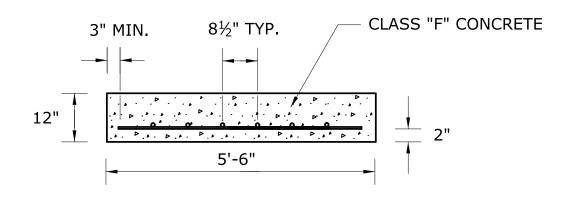
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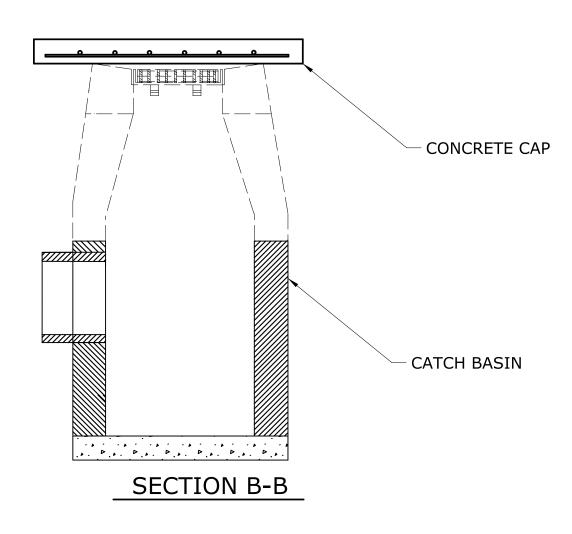


TEMPORARY CATCH BASIN CAP





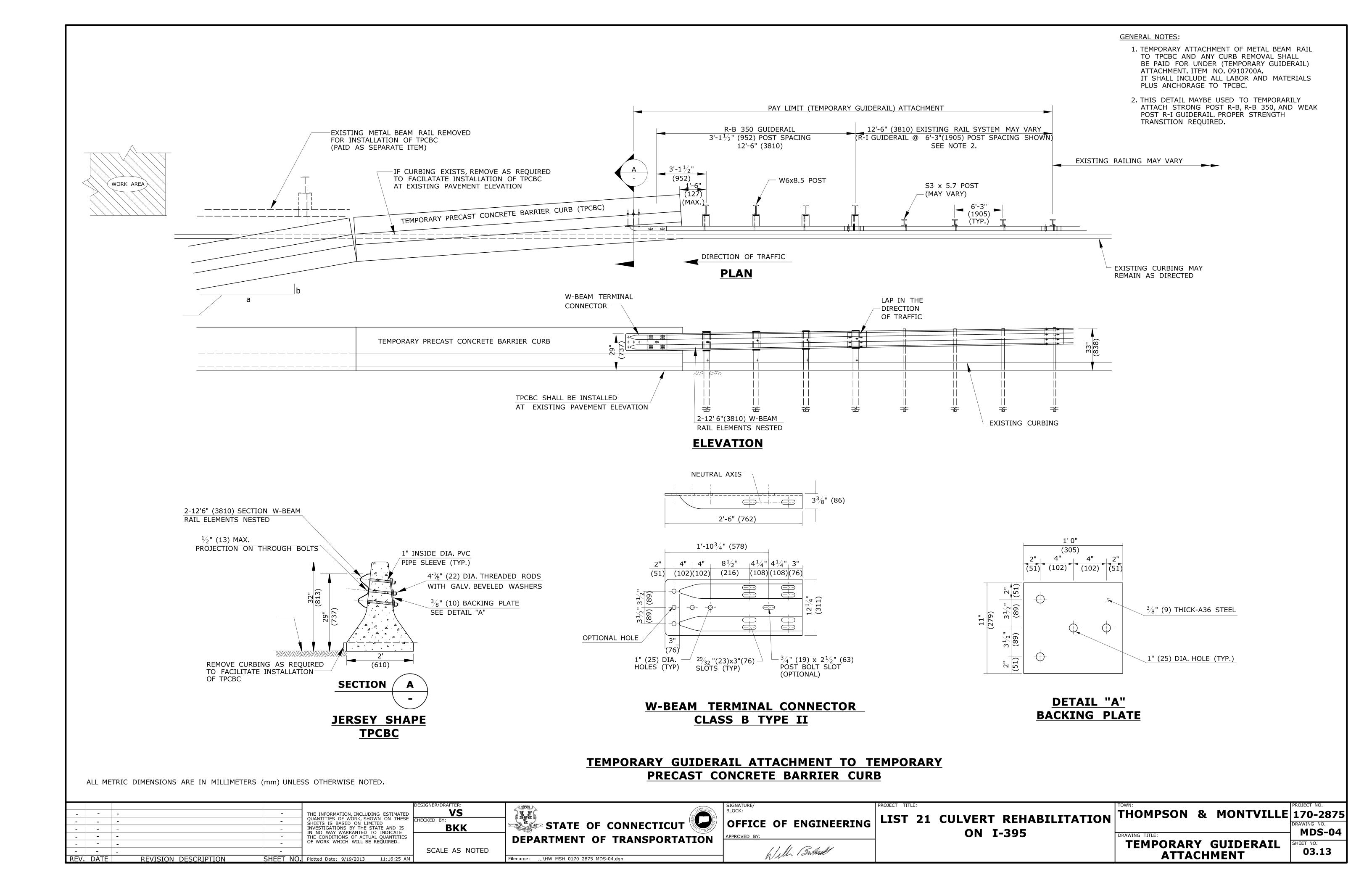
SECTIONS A-A

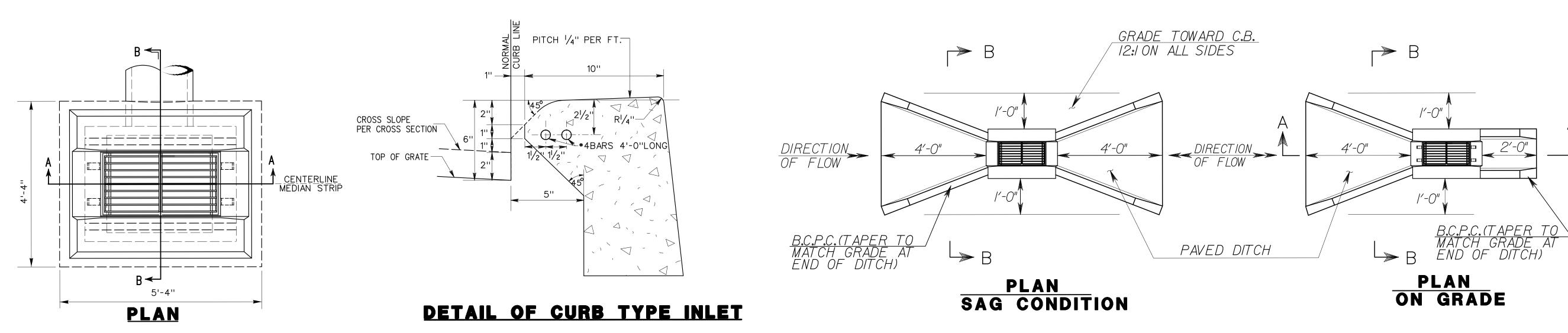


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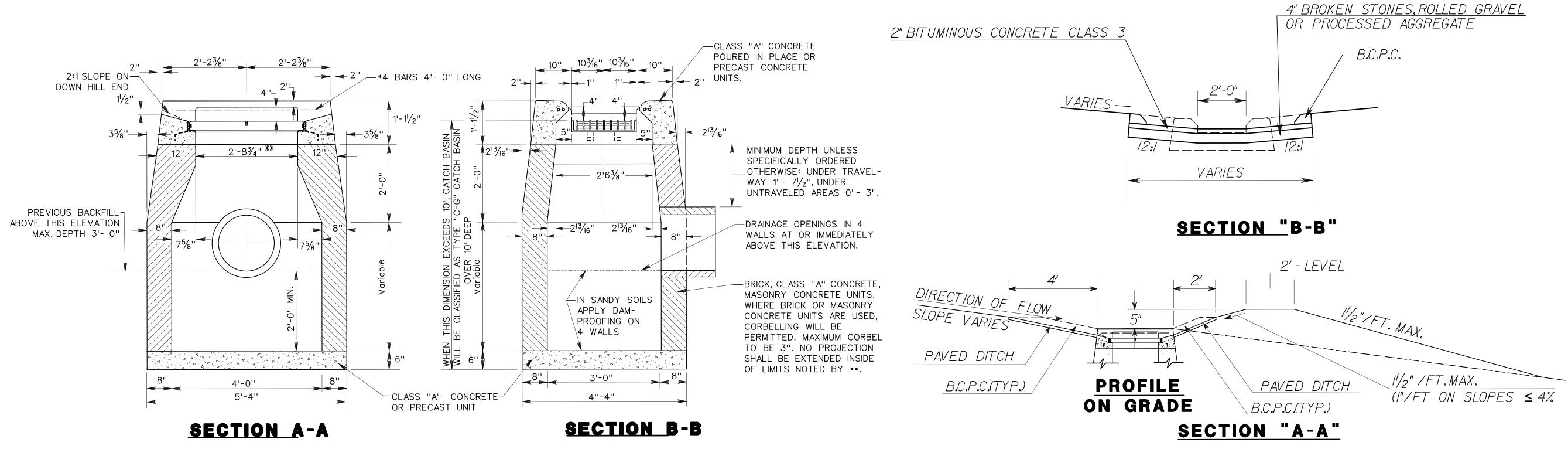
- 1. TEMPORARY CONCRETE CATCH BASIN CAPS SHALL BE USED DURING STAGE CONSTRUCTION TO PROTECT EXISTING OR PROPOSED CATCH BASINS. THE ENGINEER WILL REVIEW AND APPROVE THE USE OF TEMPORARY CAPS ON A SITE BY SITE BASIS IN CONSTRUCTION WITH THE CONTRACTOR'S PROPOSED SEQUENCE OF CONSTRUCTION.
- 2. FOR MEASUREMENT AND PAYMENT OF TEMPORARY CONCRETE CATCH BASIN CAPS, SEE SPECIAL PROVISION "ITEM # 0507016A CONCRETE FOR TEMPORARY CATCH BASIN CAP."

		DESIGNER/DRAFTER:	CONNECTION	SIGNATURE/	PROJECT TITLE:	TOWN:	PROJECT NO.
	- THE INFORMATI	ION, INCLUDING ESTIMATED VS		BLOCK.	LIST 21 CULVERT REHABILITATION	THOMPSON & MONTVILL	.E 170-2875
	SHEETS IS BAS	SED ON LIMITED IS BY THE STATE AND IS ADDIANTED TO INDICATE	STATE OF CONNECTICUT	OFFICE OF ENGINEERING			DRAWING NO.
	IN NO WAY W.	ARRANTED TO INDICATE	OF TAN	APPROVED BY:	ON I-395	DRAWING TITLE:	─ MDS-03
	of work which	CH WILL BE REQUIRED.	DEPARTMENT OF TRANSPORTATION	,	1	SLOPE PROTECTION/	SHEET NO.
	-	SCALE AS NOTED		1. 1. 11. Batall		IMPACT ATTENUATOR	03.12
REV. DATE	REVISION DESCRIPTION SHEET NO. Plotted Date: 9	9/19/2013 11:16:17 AM	Filename:\HW_MSH_0170_2875_MDS-03.dgn	WW.		IMPACT ATTENUATOR	





PAVED DITCH FOR TYPE "C-G" CATCH BASIN



TYPE "C-G" CATCH BASIN

WHERE PRECAST CONCRETE UNIT IS USED FOR SUMP, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLETTING FROM THE CATCH BASIN.

NOTES:

- 1. PAVED APRON AND STONE, GRAVEL OR AGGREGATE BASE SHALL BE CONSTRUCTED AND PAID FOR IN ACCORDANCE WITH SECTION 8.03 "PAVED DITCH", EXCEPT THAT ALL REQUIRED EXCAVATION WILL BE PAID FOR AS "EARTH EXCAVATION".
- 2. BITUMINOUS CONCRETE PARK CURBING SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER S.Y. FOR "PAVED DITCH".

	THE INFORMATION, INCLUDING ESTIMATED OUANTITIES OF WORK SHOWN ON THESE	DESIGNER/DRAFTER: AG	CONNECTICITY OF THE PROPERTY O	SIGNATURE/ BLOCK:	LIST 21 CULVERT REHABILITATION	TOWN: MONTVILLE	PROJECT NO. 170-2875
	SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE	BKK	STATE OF CONNECTICUT	OFFICE OF ENGINEERING	ON I-395		DRAWING NO. MDS-05
	THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.	NOT TO SCALE	DEPARTMENT OF TRANSPORTATION	APPROVED BY:	_ ON 1-393	TYPE "C-G"	SHEET NO.
REV. DATE REVISION DESCRIPTION	- SHEET NO. Plotted Date: 9/19/2013 11:16:35 AM	NOT TO SCALE	Filename:\HW_MSH_0170_2875_MDS-05.dgn	Will Batal		CATCH BASIN	03.14

GENERAL NOTES

- 1. ALL PROPOSED AND EXISTING CATCH BASINS IN AREAS DISTURBED BY CONSTRUCTION SHALL BE PROTECTED WITH APPROPRIATE SEDIMENTATION CONTROLS AS DETAILED IN THE "BEST MANAGEMENT PRACTICES" AS STATED IN THE ENVIRONMENTAL COMPLIANCE SECTION OF FORM 816 AND SUPPLEMENTAL SPECIFICATION DATED JANUARY 2013 OR AS DIRECTED BY THE ENGINEER. EROSION CONTROLS SHALL BE MAINTAINED UNTIL CONTRIBUTING DISTURBED AREAS ARE STABILIZED.
- 2. SEEDING AND EROSION CONTROLS SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS FOR PARTICULAR PAY ITEM, "BEST MANAGEMENT PRACTICES" AS STATED IN THE ENVIRONMENTAL COMPLIANCE SECTION OF FORM 816 AND SUPPLEMENTAL SPECIFICATION DATED JANUARY 2013.
- 3. TOPSOIL SHALL BE PLACED TO A DEPTH OF 6".
- 4. ALL EXISTING STRUCTURES AND PIPES TO REMAIN WITHIN THE PROJECT LIMITS SHALL BE CLEANED AT THE END OF THE PROJECT.
- 5. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION AREA THROUGHOUT THE DURATION OF THE PROJECT. THIS WILL INCLUDE ALL MAINTENANCE RESPONSIBILITIES WITH THE EXCEPTION OF SNOW REMOVAL.
- 6. DURING THE INSTALLATION OF GUIDERAIL POSTS AND END ANCHORS NEAR STATION 23+00 AND 73+80 AT THE MONTVILLE SITE, CONTRACTOR SHOULD TAKE PRECAUTION NOT TO DAMAGE THE EXISTING 6" GAS LINE.
- 7. CRANE MATS SHALL BE INCLUDED IN THE COST OF "ITEM # 0204151A HANDLING WATER."
- 8. REMOVAL OF TEMPORARY ACCESS/HAUL ROADS WILL BE PAID FOR UNDER "ITEM # 0202000 EARTH EXCAVATION."

					DESI
-	_	-	-	THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.	
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STATE OF CONNECTICUT **DEPARTMENT OF TRANSPORTATION**

OFFICE OF ENGINEERING

Will Butsell

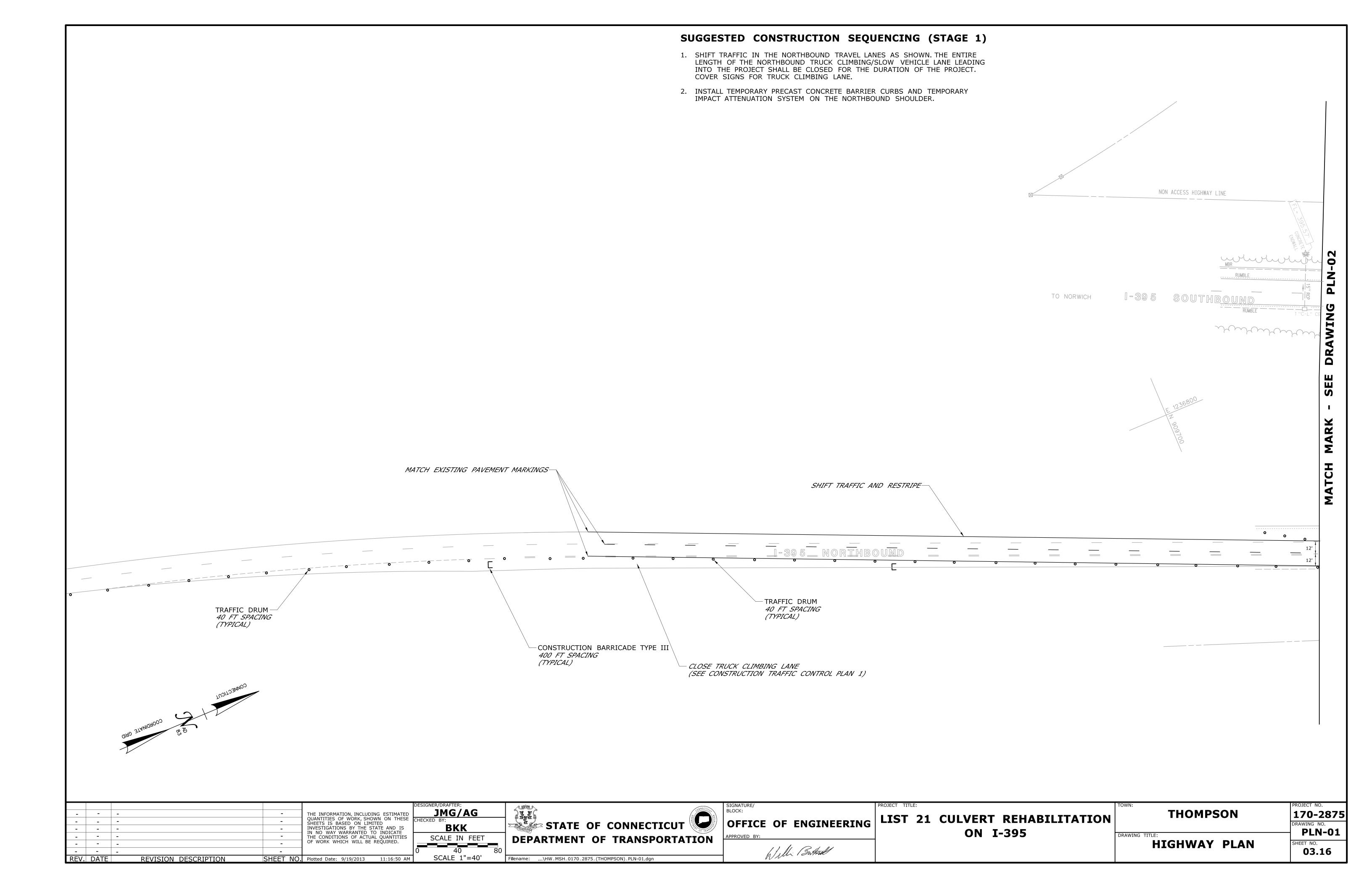
ON I-395

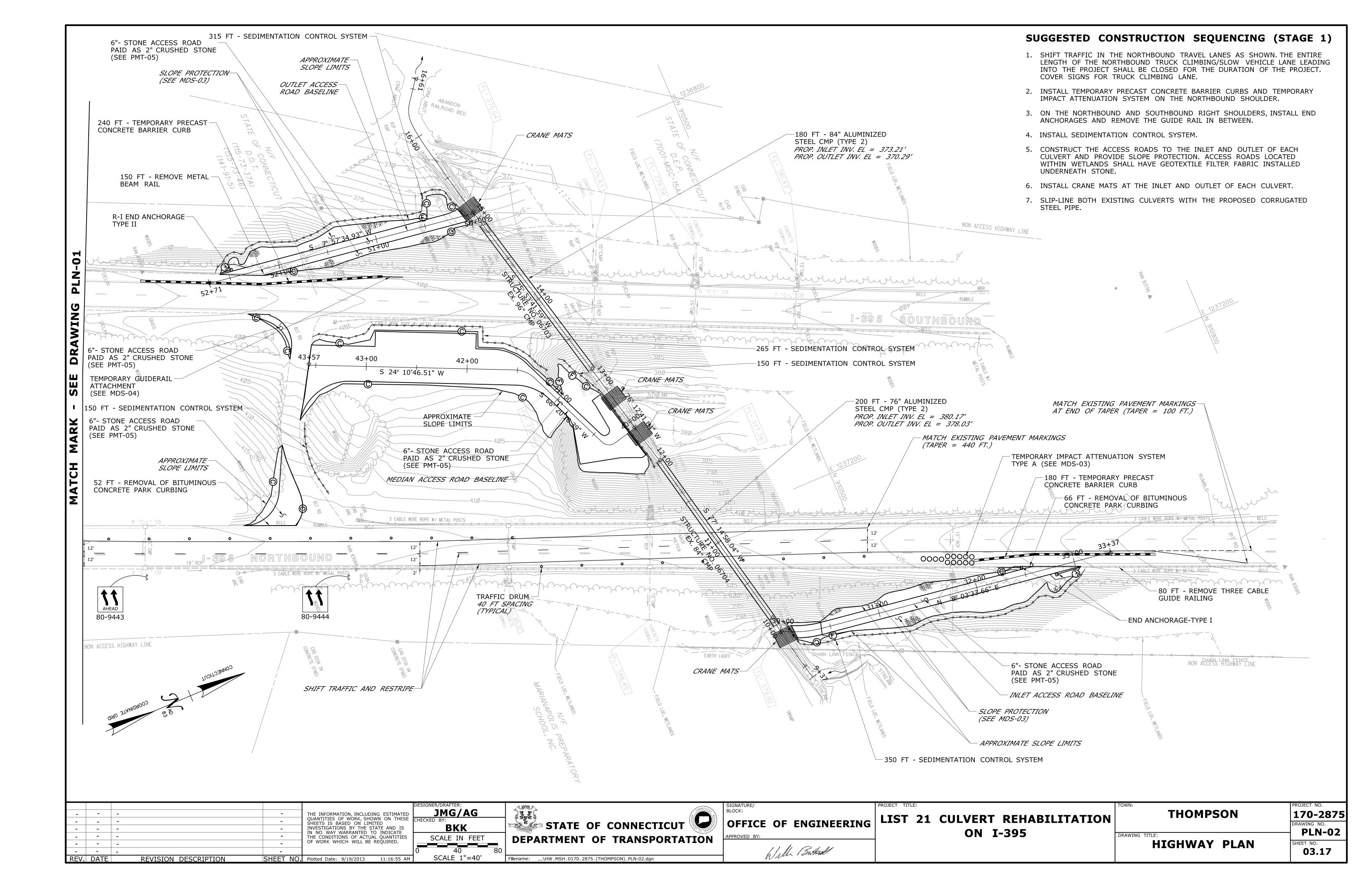
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NOT-01

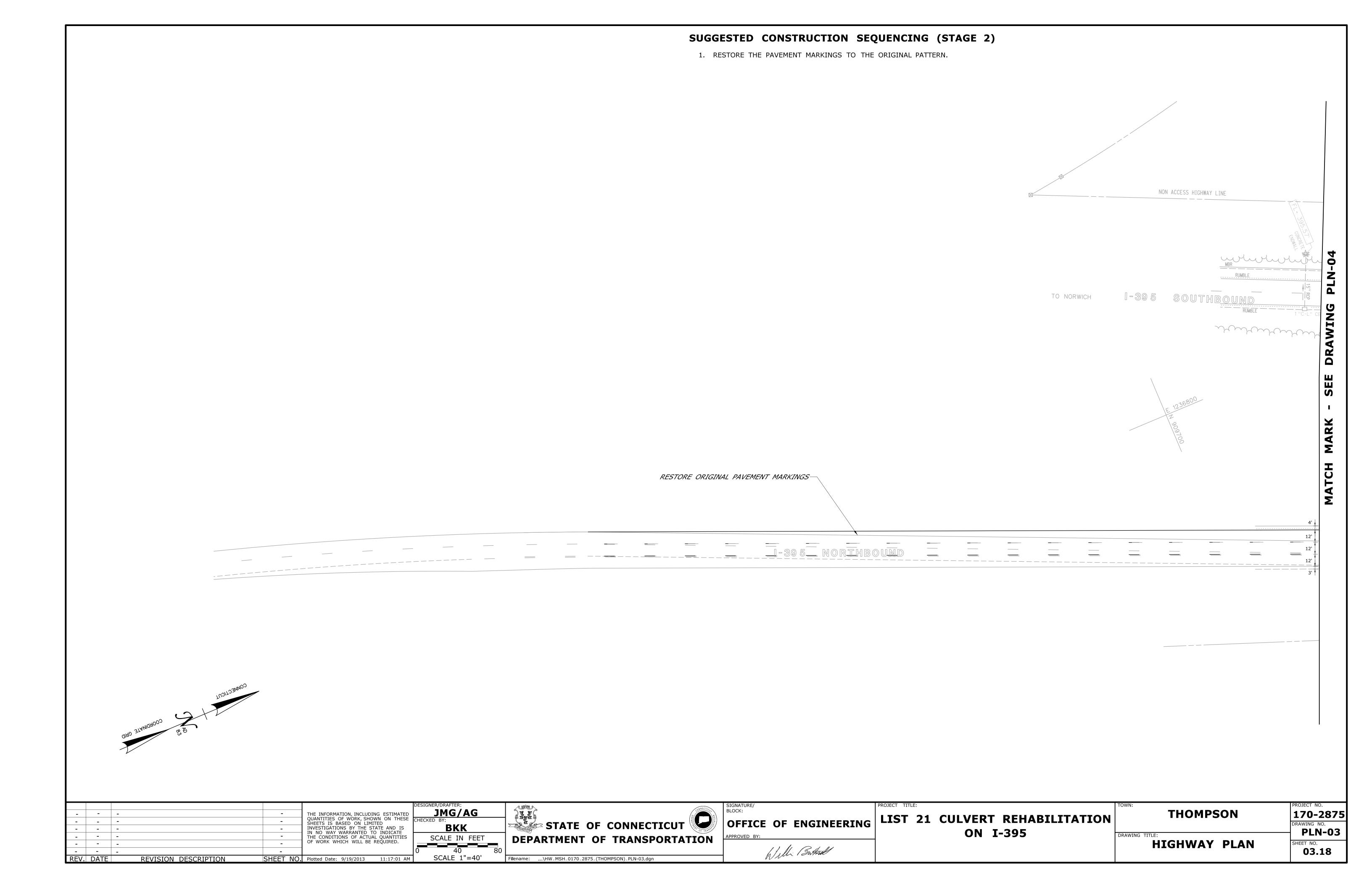
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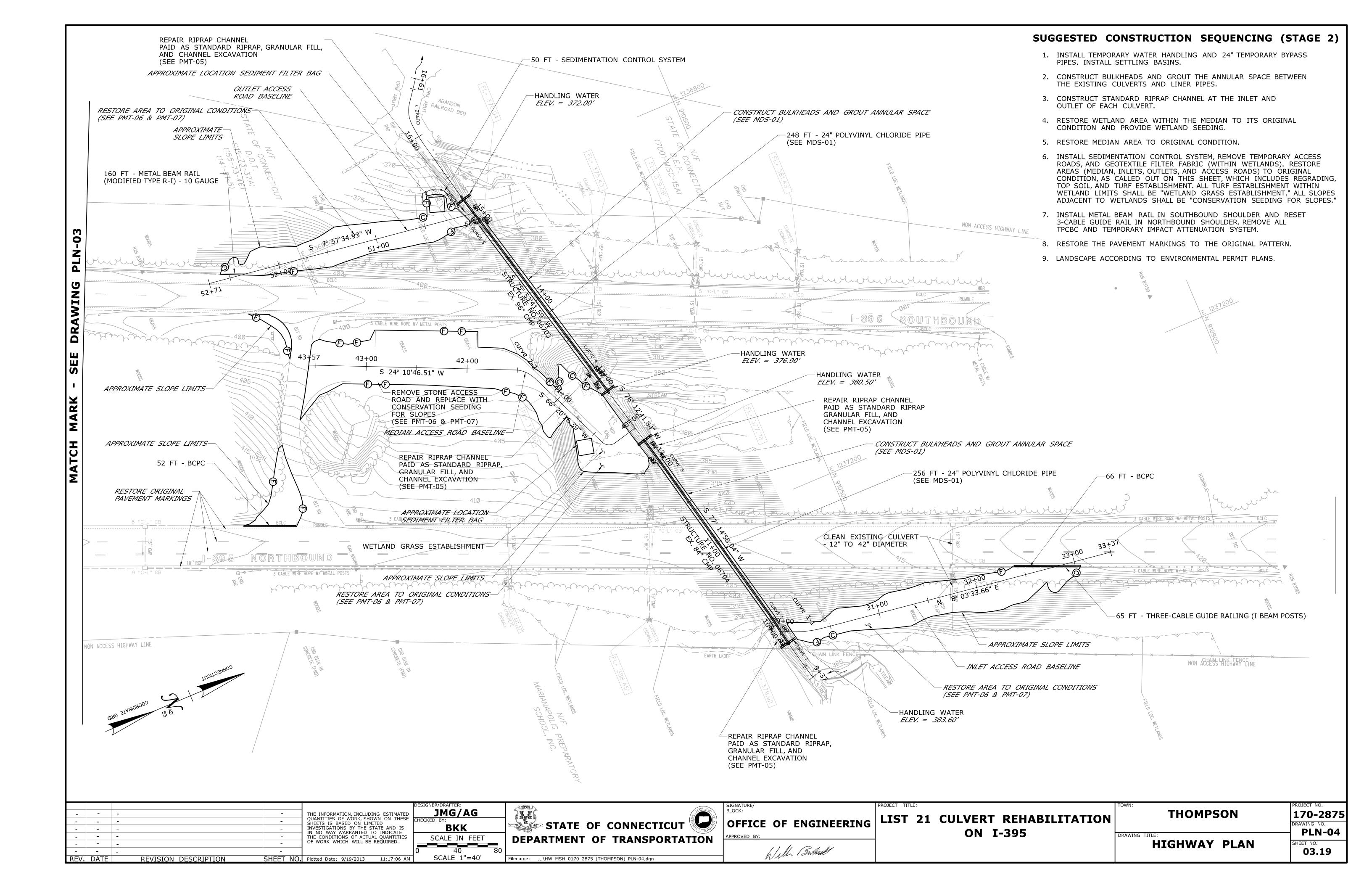
GENERAL NOTES

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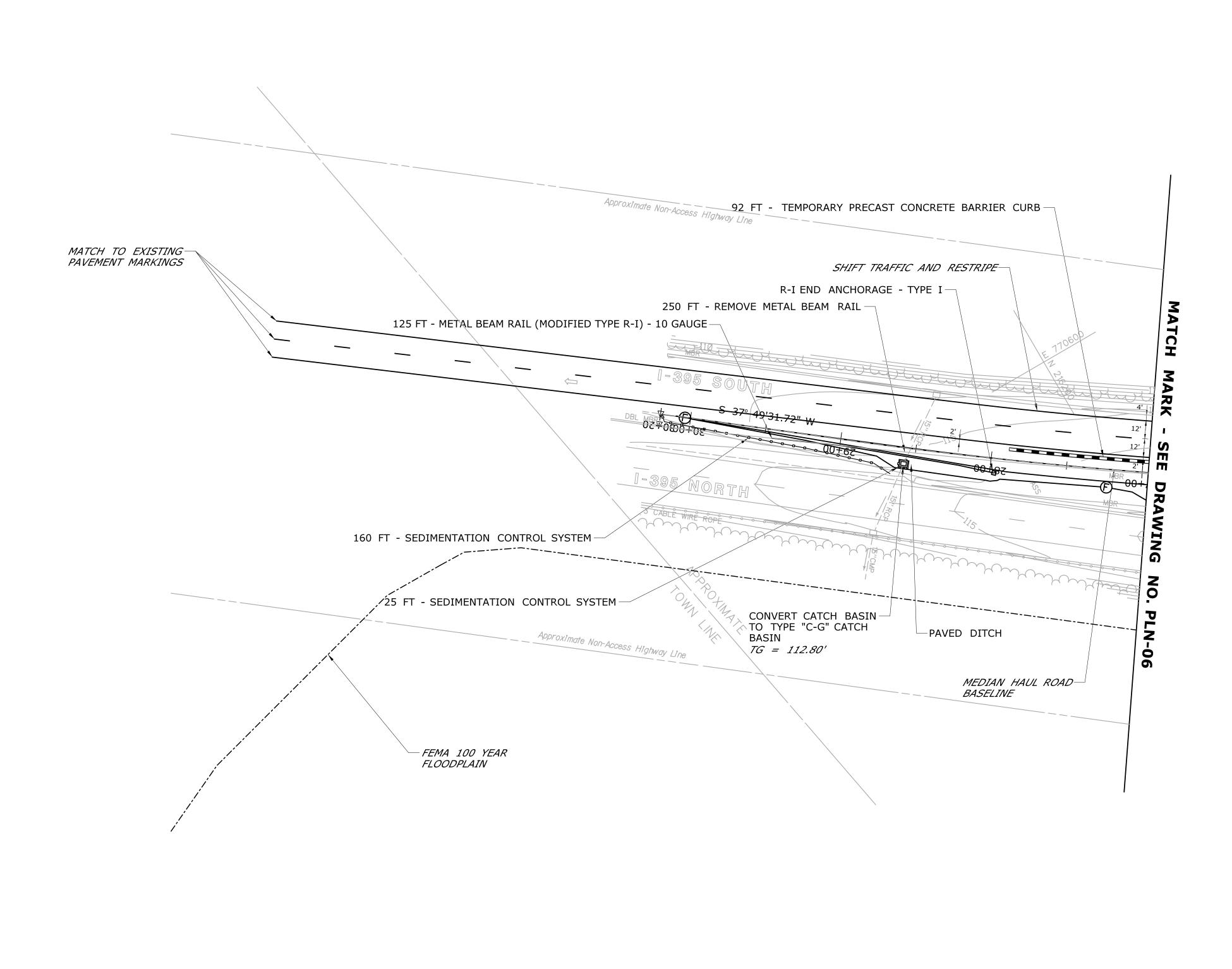






SUGGESTED CONSTRUCTION SEQUENCING (STAGE 1)

- 1. INSTALL TEMPORARY PRECAST CONCRETE BARRIER CURB, GUIDERAIL TRANSITIONS, REMOVE GUIDERAIL, CONVERT GUIDERAIL, CONSTRUCT END ANCHORAGES, AND SHIFT TRAFFIC.
- 2. CONVERT CATCH BASIN TO TYPE "C-G" CATCH BASIN.



-	-	-	-	THE INFORMATION, INCLUDING ESTIMATED
-	-	-	-	QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED
-	-	-	-	INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE
_	-	-	_	THE CONDITIONS OF ACTUAL QUANTITIES
-	-	-	_	OF WORK WHICH WILL BE REQUIRED.

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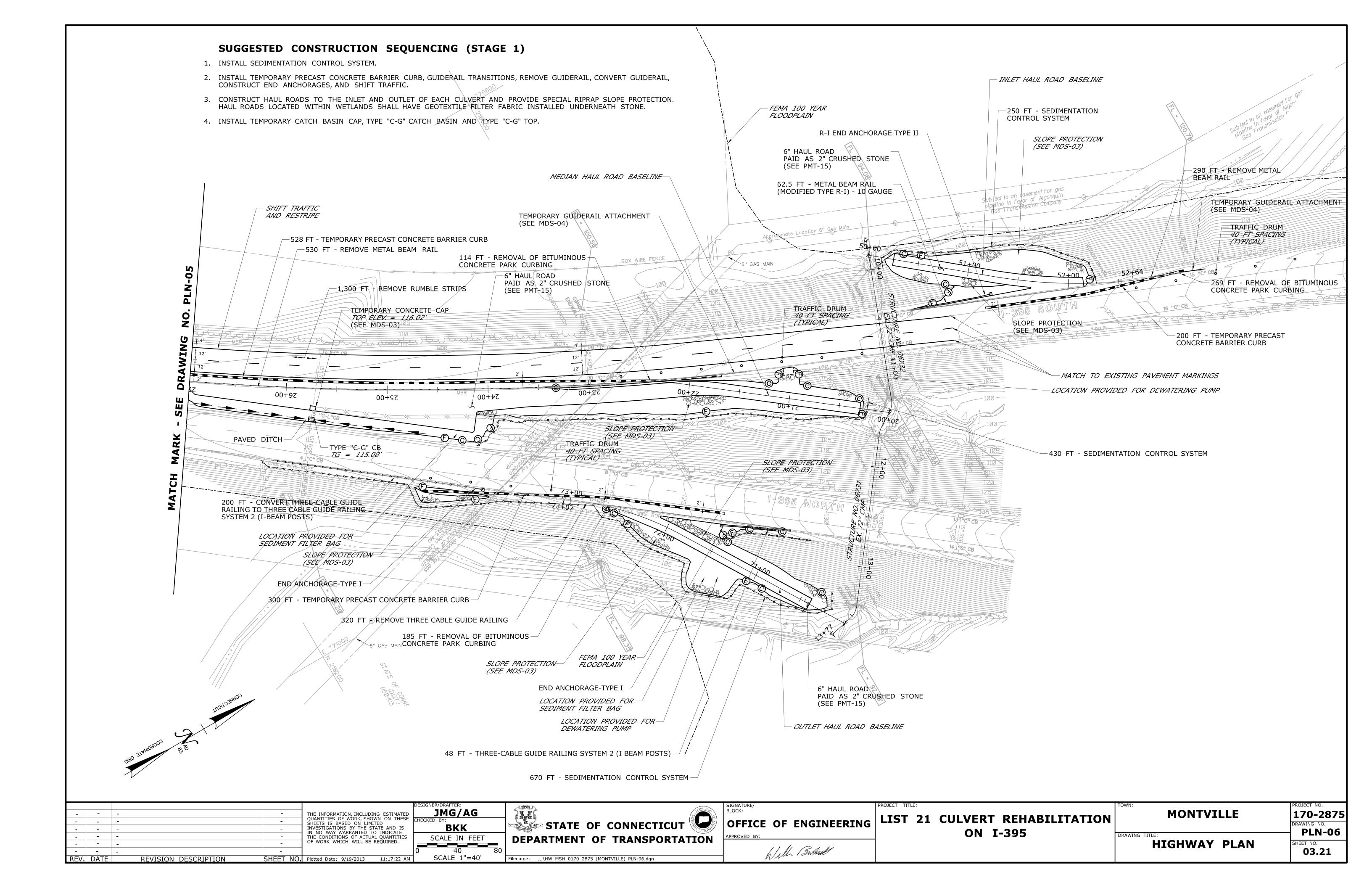
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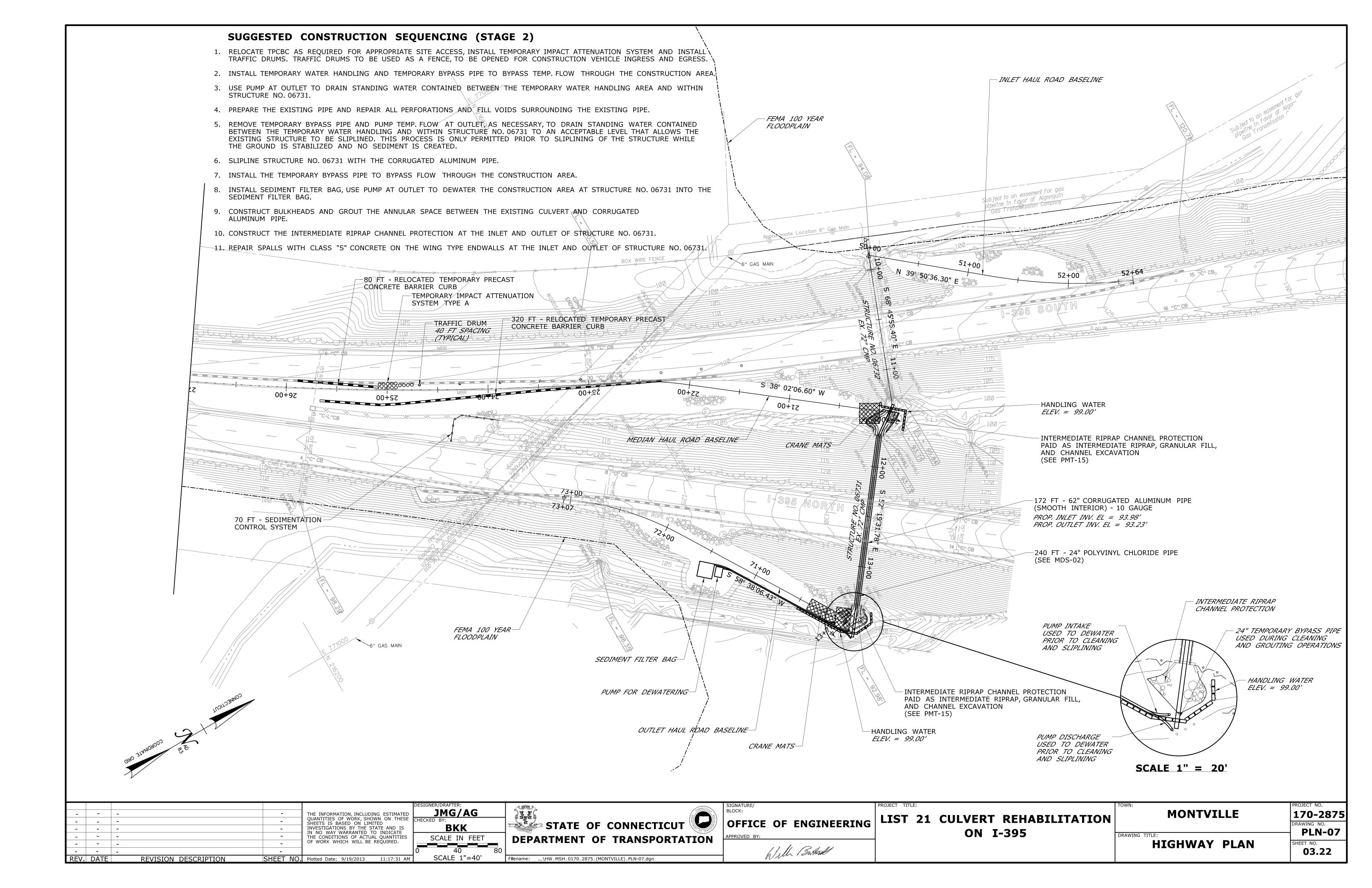
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DEPARTMENT OF TRANSPORTA	TION
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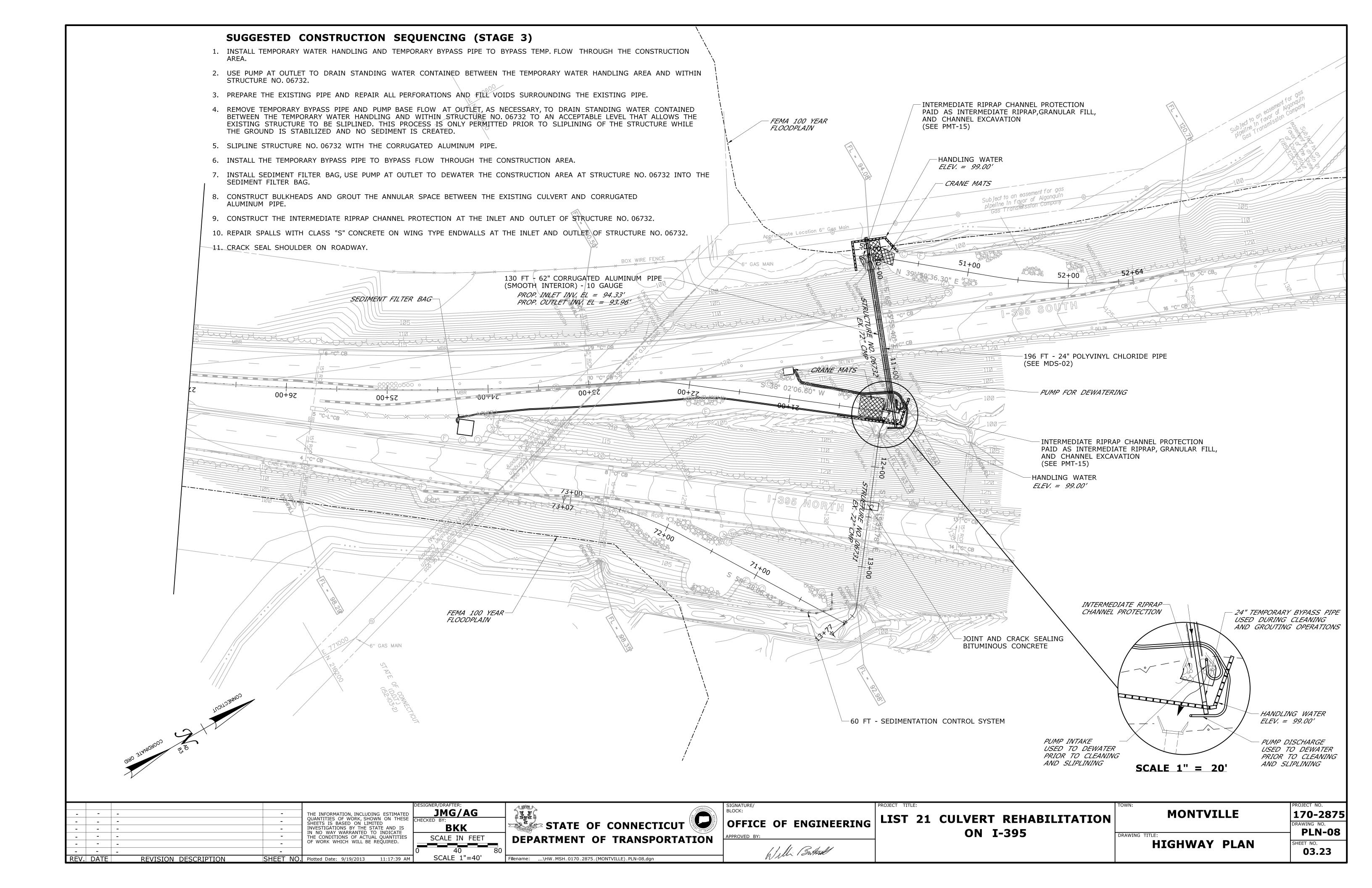
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OFFICE OF ENGINEERING	L.
APPROVED BY:	
Will Butal	

COSECT TITLE.	1
LIST 21 CULVERT REHABILITATION	
ON I-395	DRAWING

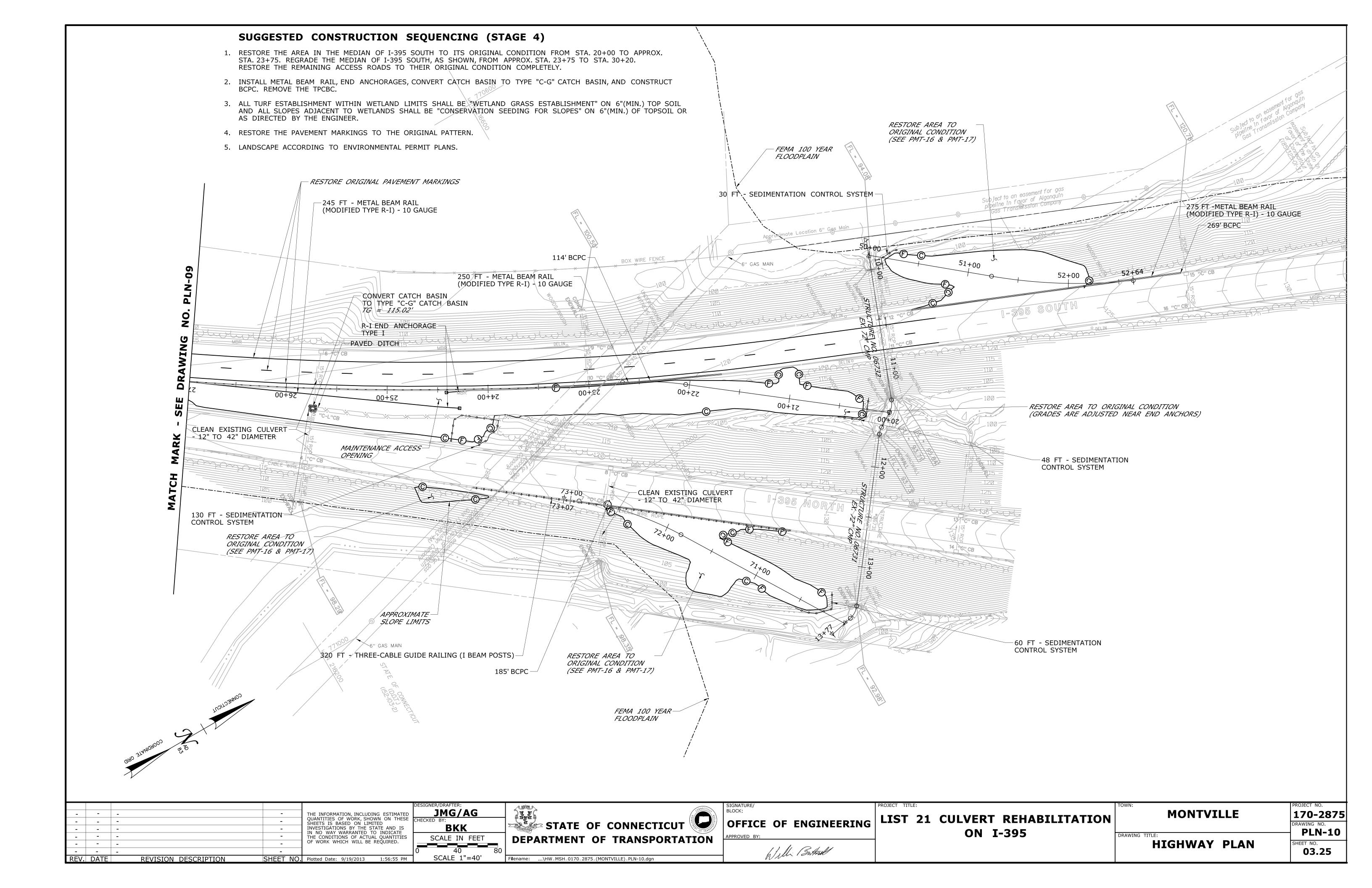
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MONTVILLE	170-2875
	DRAWING NO.
ING TITLE:	PLN-05
HIGHWAY PLAN	SHEET NO.
	03.20

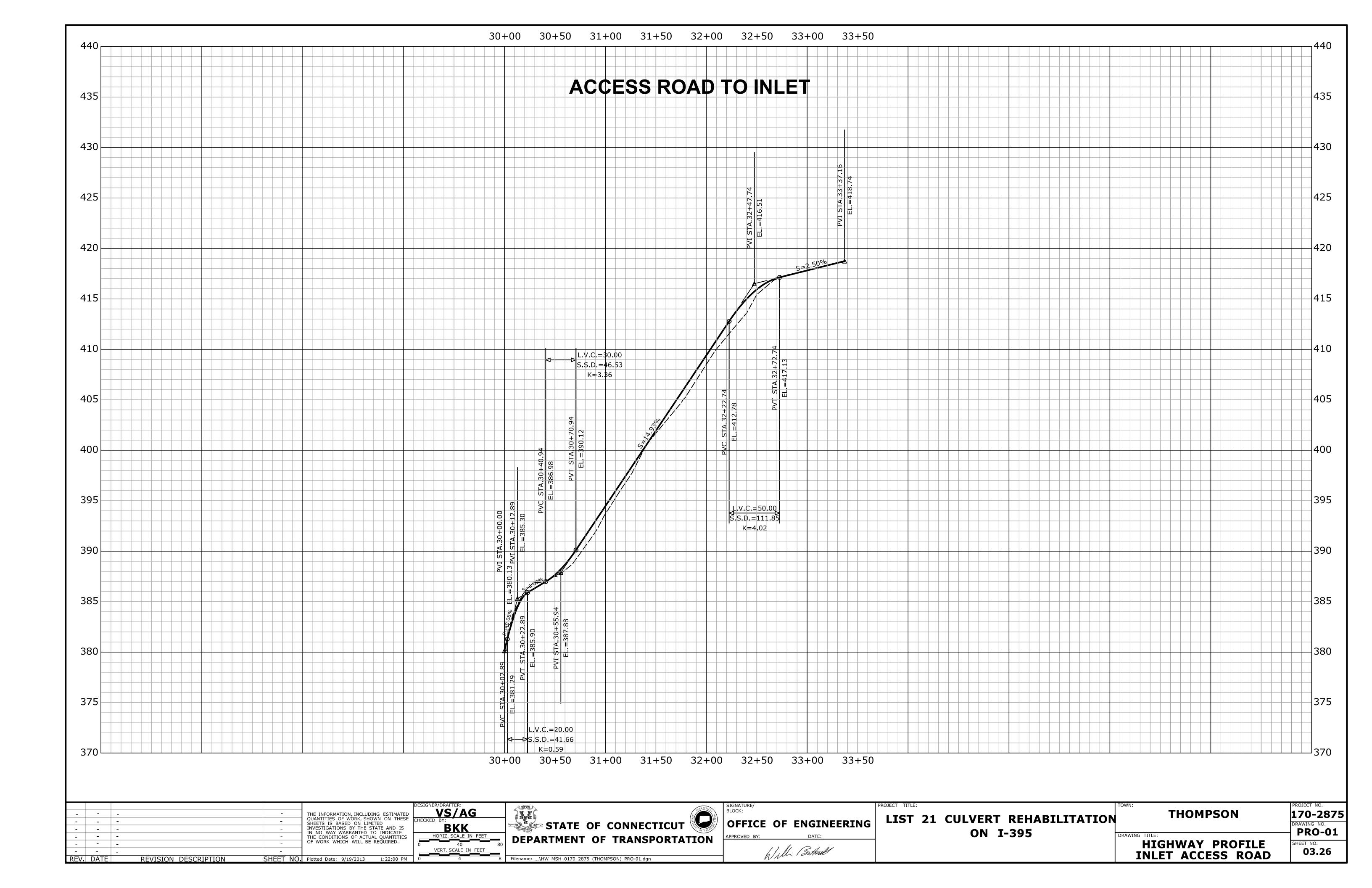


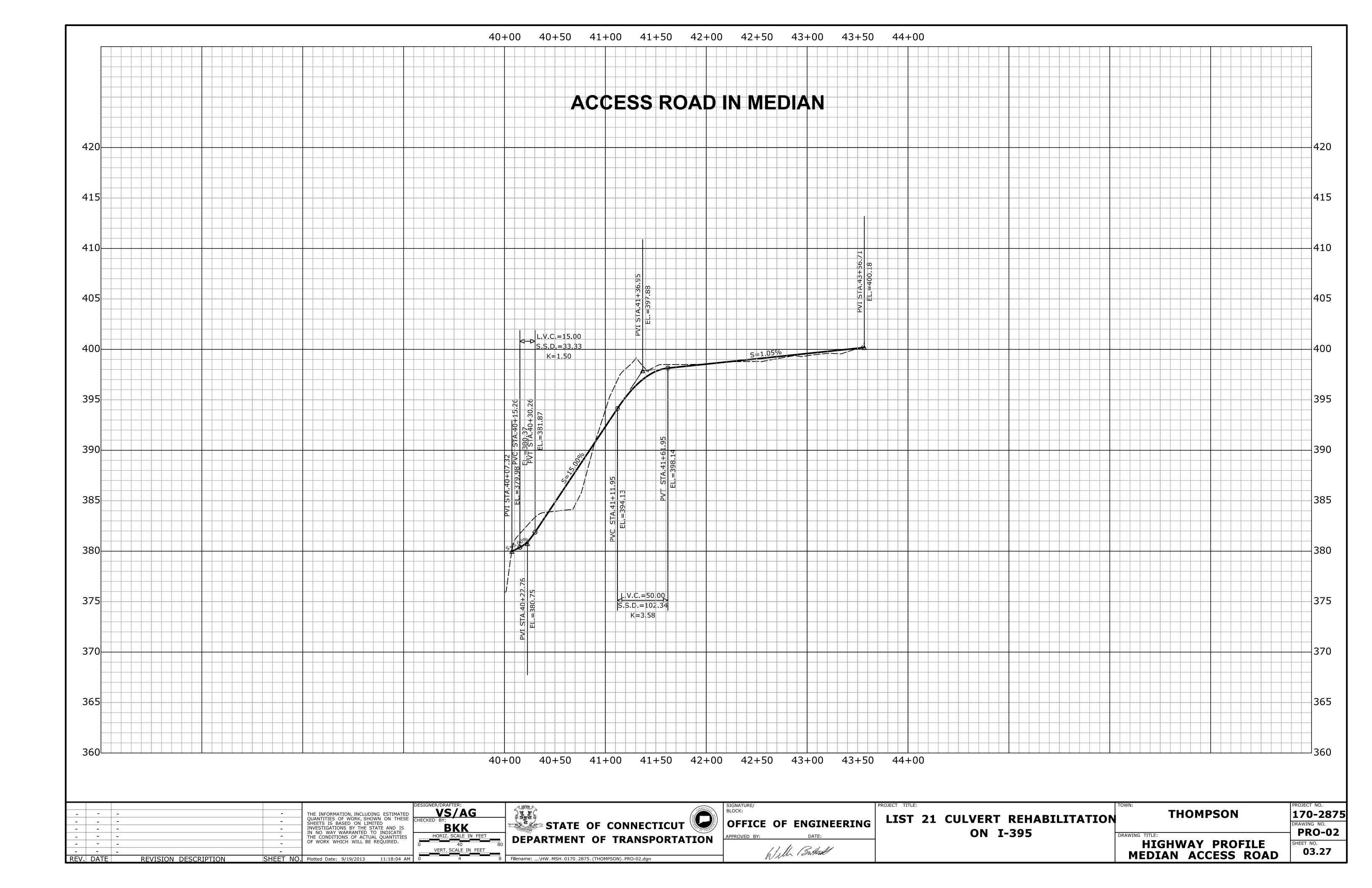


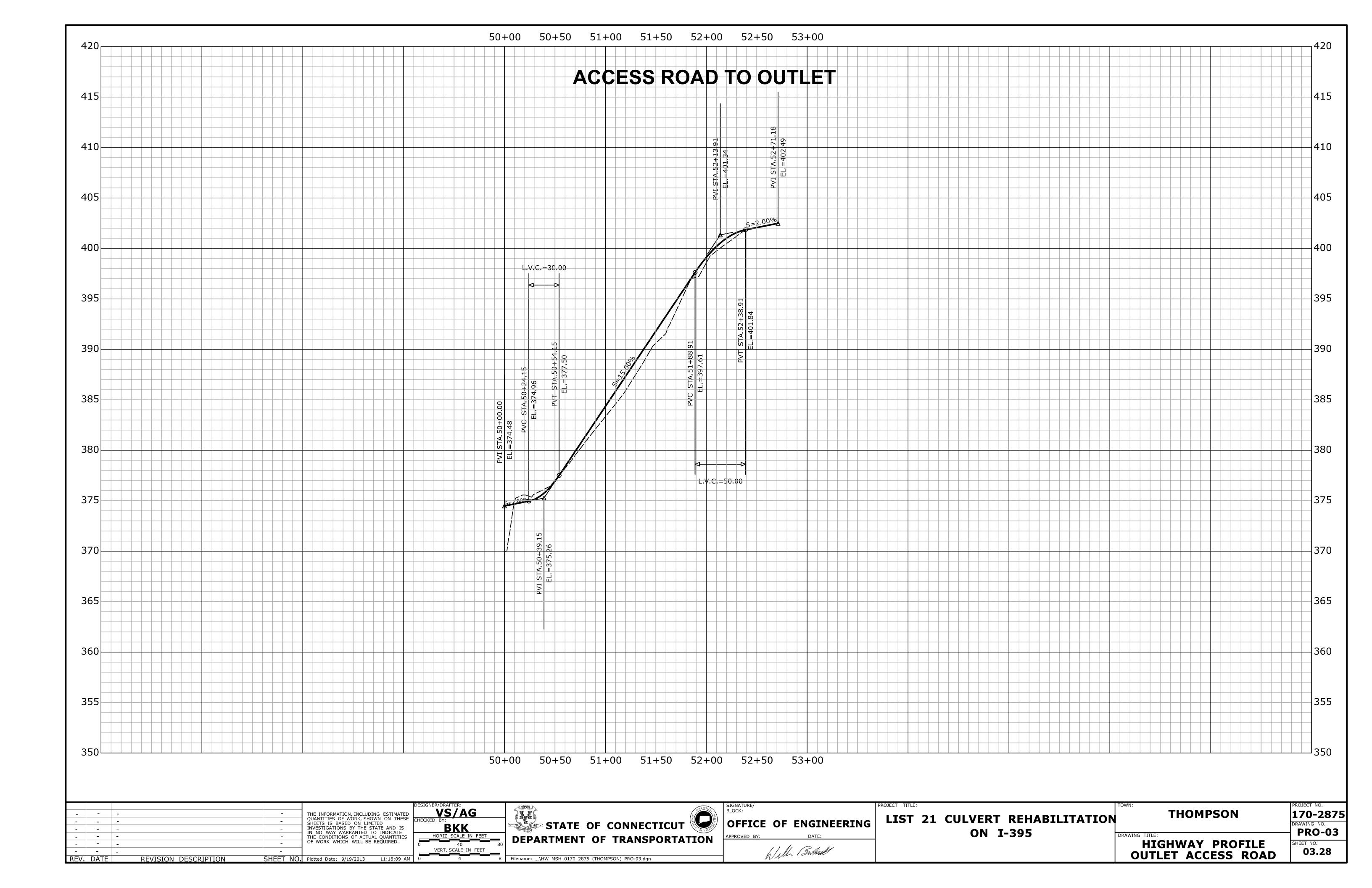


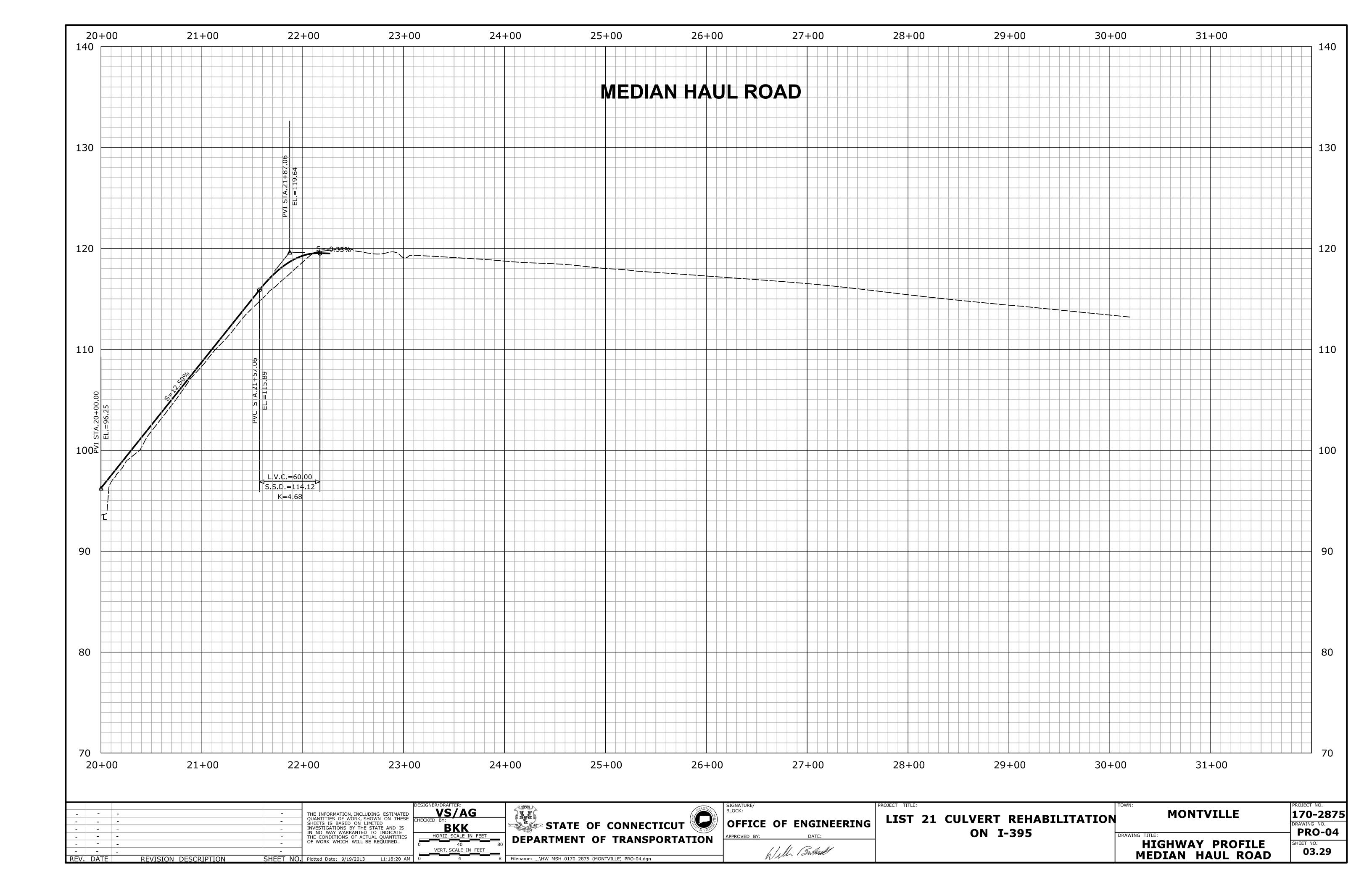
SUGGESTED CONSTRUCTION SEQUENCING (STAGE 4) 1. INSTALL METAL BEAM RAIL, END ANCHORAGES, AND CONSTRUCT BCPC. REMOVE THE TPCBC. 2. RESTORE THE PAVEMENT MARKINGS TO THE ORIGINAL PATTERN. Approximate Non-Access Highway Line MATCH TO EXISTING— PAVEMENT MARKINGS 225 FT - METAL BEAM RAIL (MODIFIED TYPE R-I) - 10 GAUGE— RESTORE ORIGINAL PAVEMENT MARKINGS-- FILL TO THE TANK THE TOTAL THE TOT SLEAN EXISTING CULVERT -Approximate Non-Access Highway Line APPROXIMATE SLOPE LIMITS— - FEMA 100 YEAR FLOODPLAIN STATE OF CONNECTICUT JMG/AG **MONTVILLE** THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED. 170-2875 LIST 21 CULVERT REHABILITATION OFFICE OF ENGINEERING **PLN-09** ON I-395 SCALE IN FEET **DEPARTMENT OF TRANSPORTATION HIGHWAY PLAN** Will Buttell 03.24 SCALE 1"=40' REV. DATE REVISION DESCRIPTION SHEET NO. Plotted Date: 9/19/2013 11:17:45 AM Filename: ...\HW_MSH_0170_2875_(MONTVILLE)_PLN-09.dgn

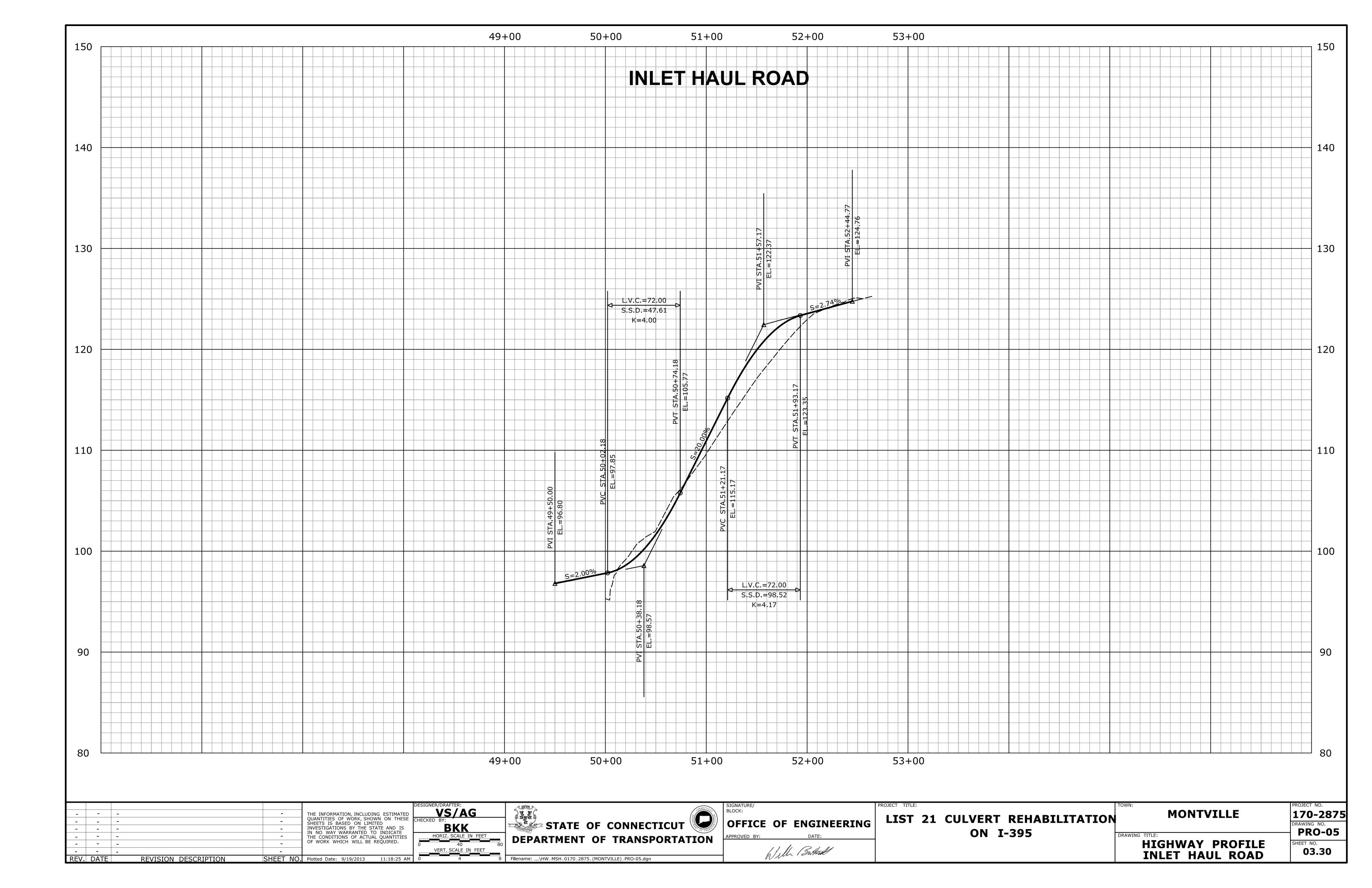


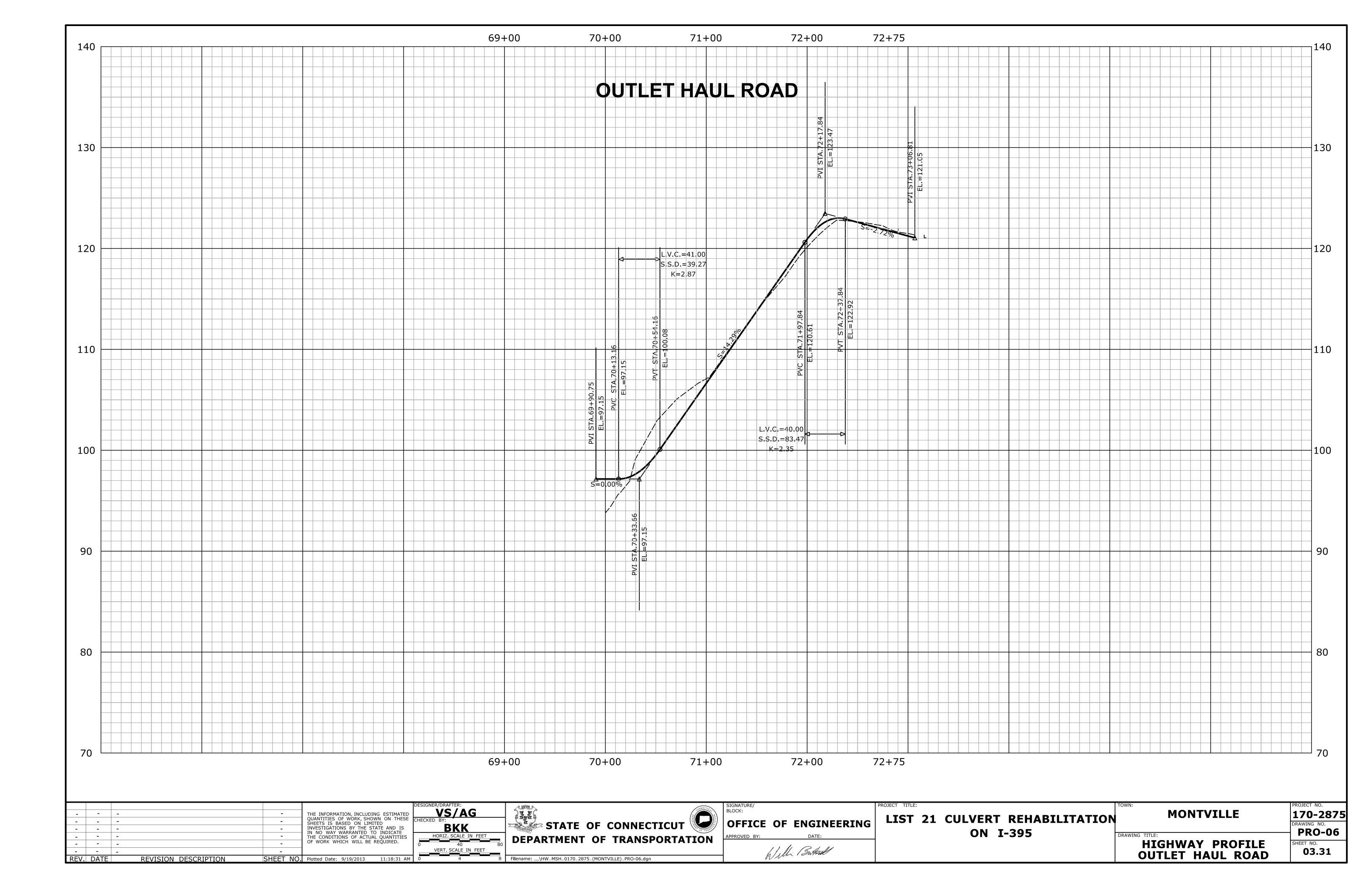


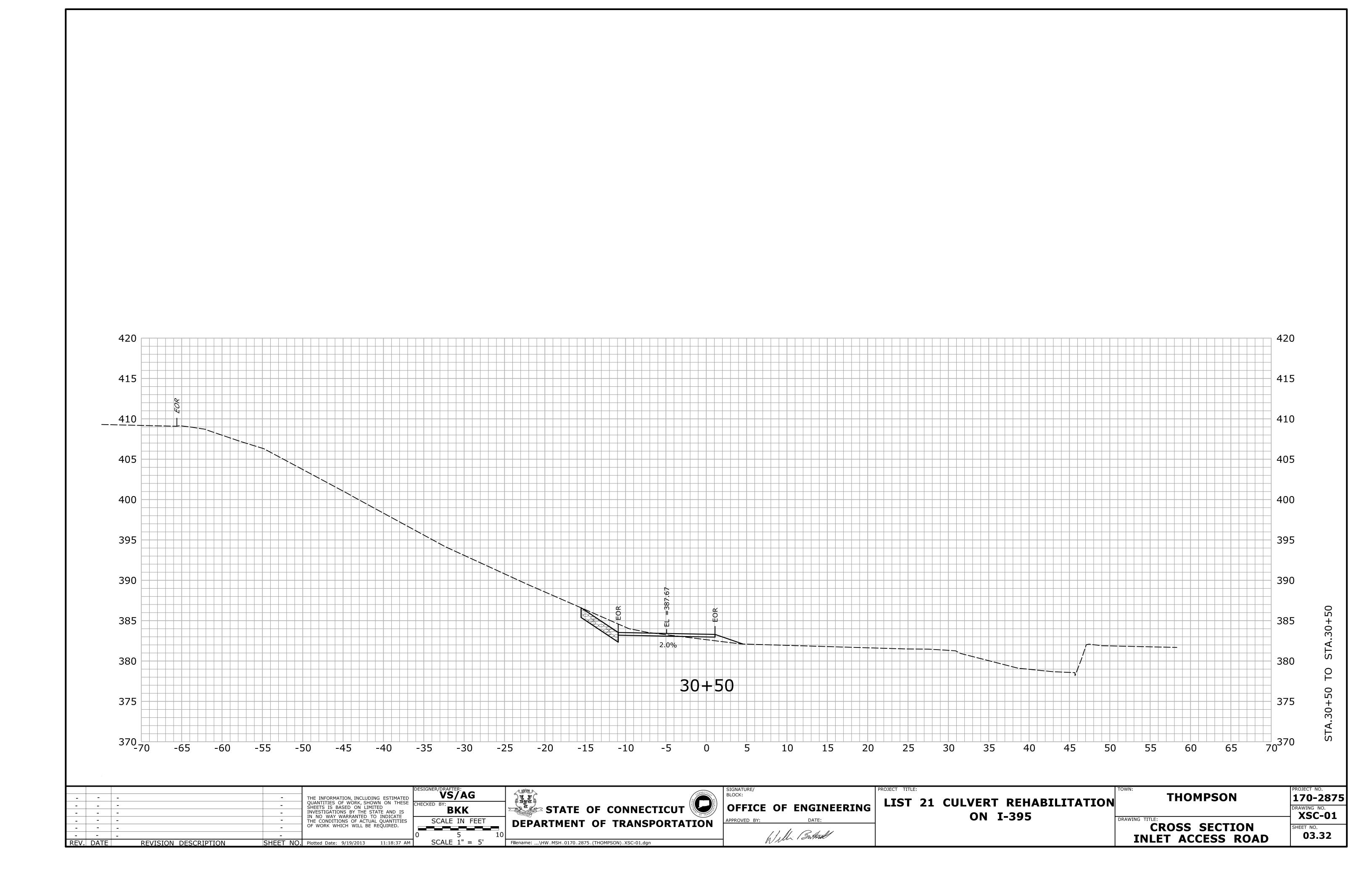


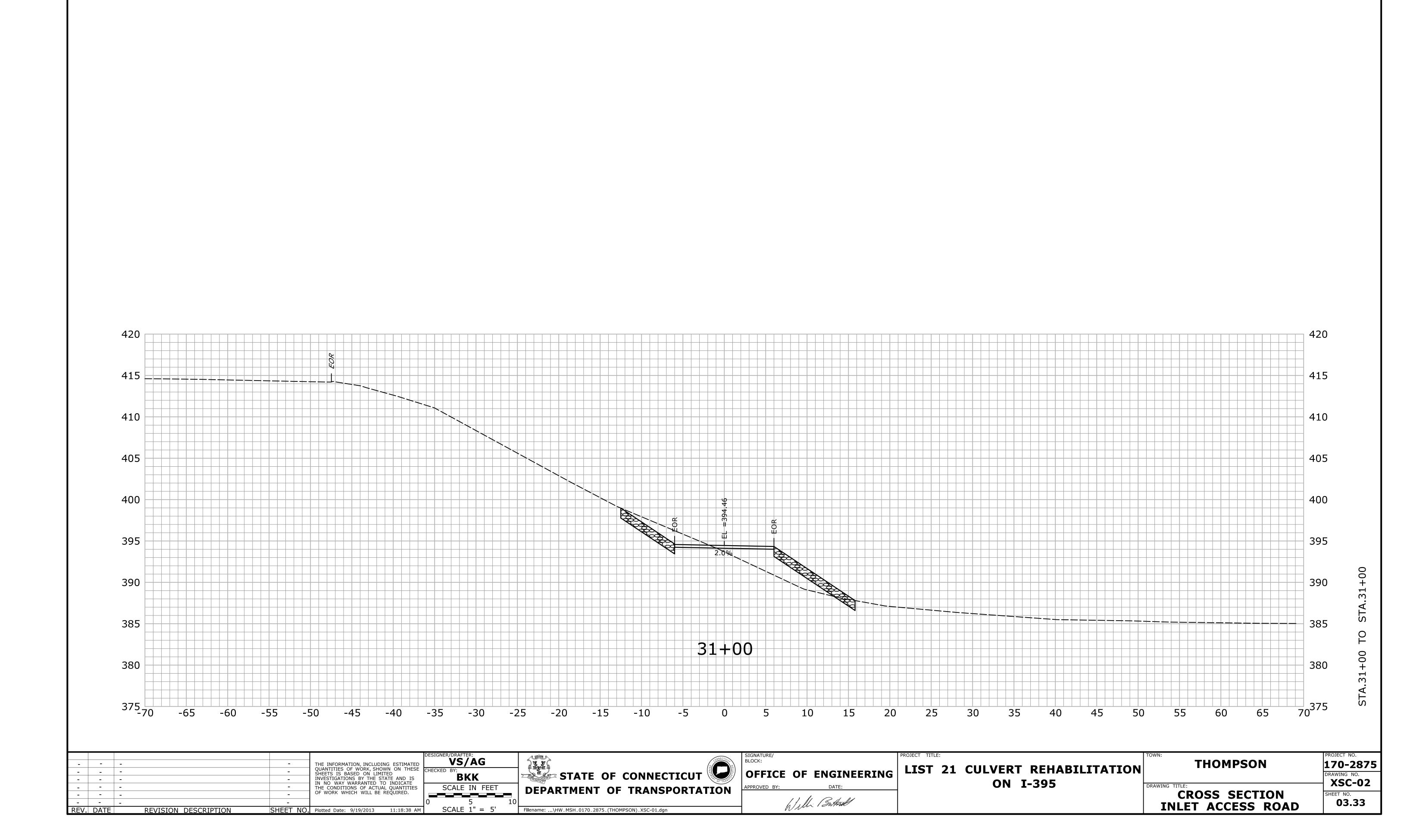


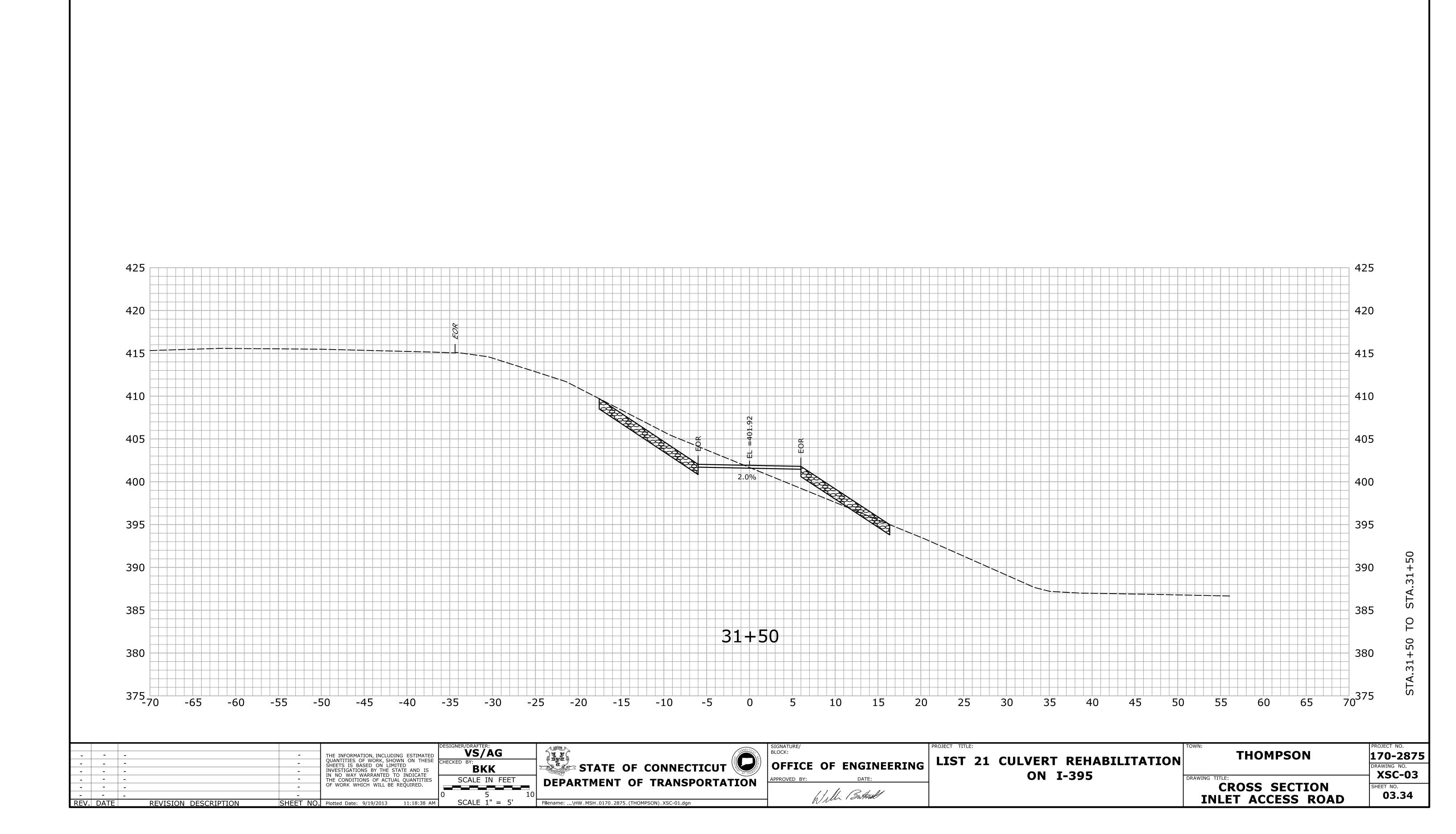


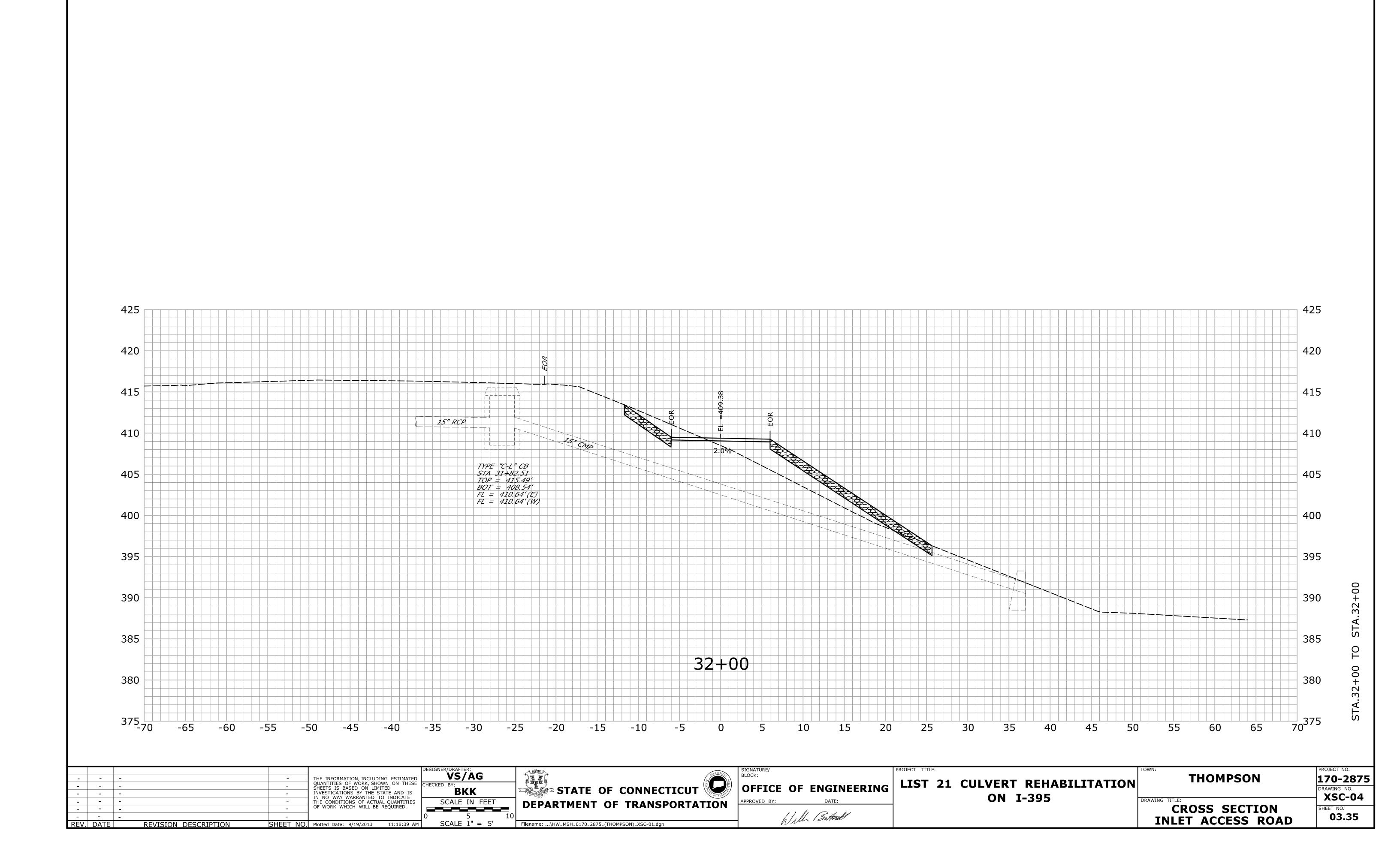


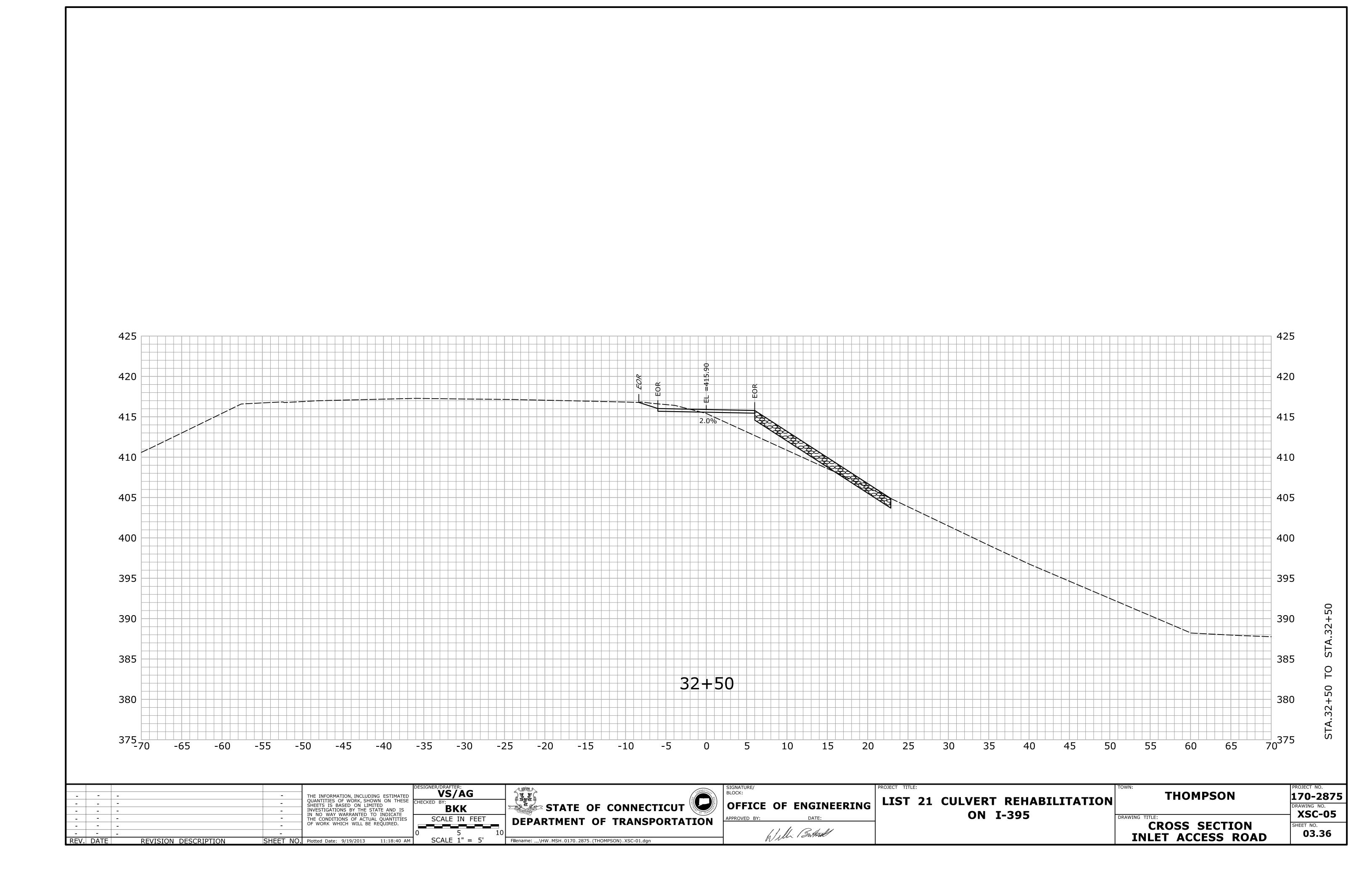


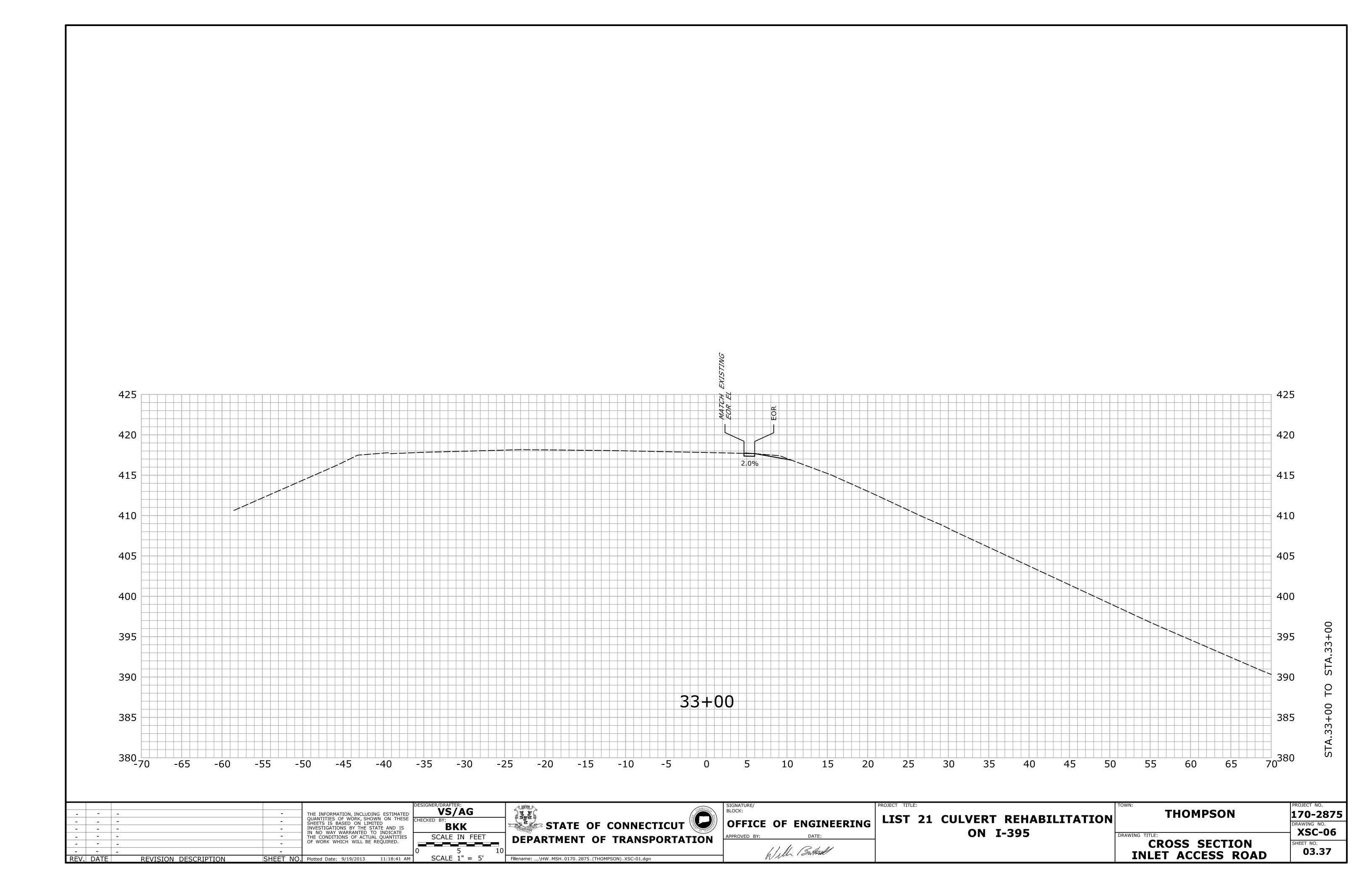


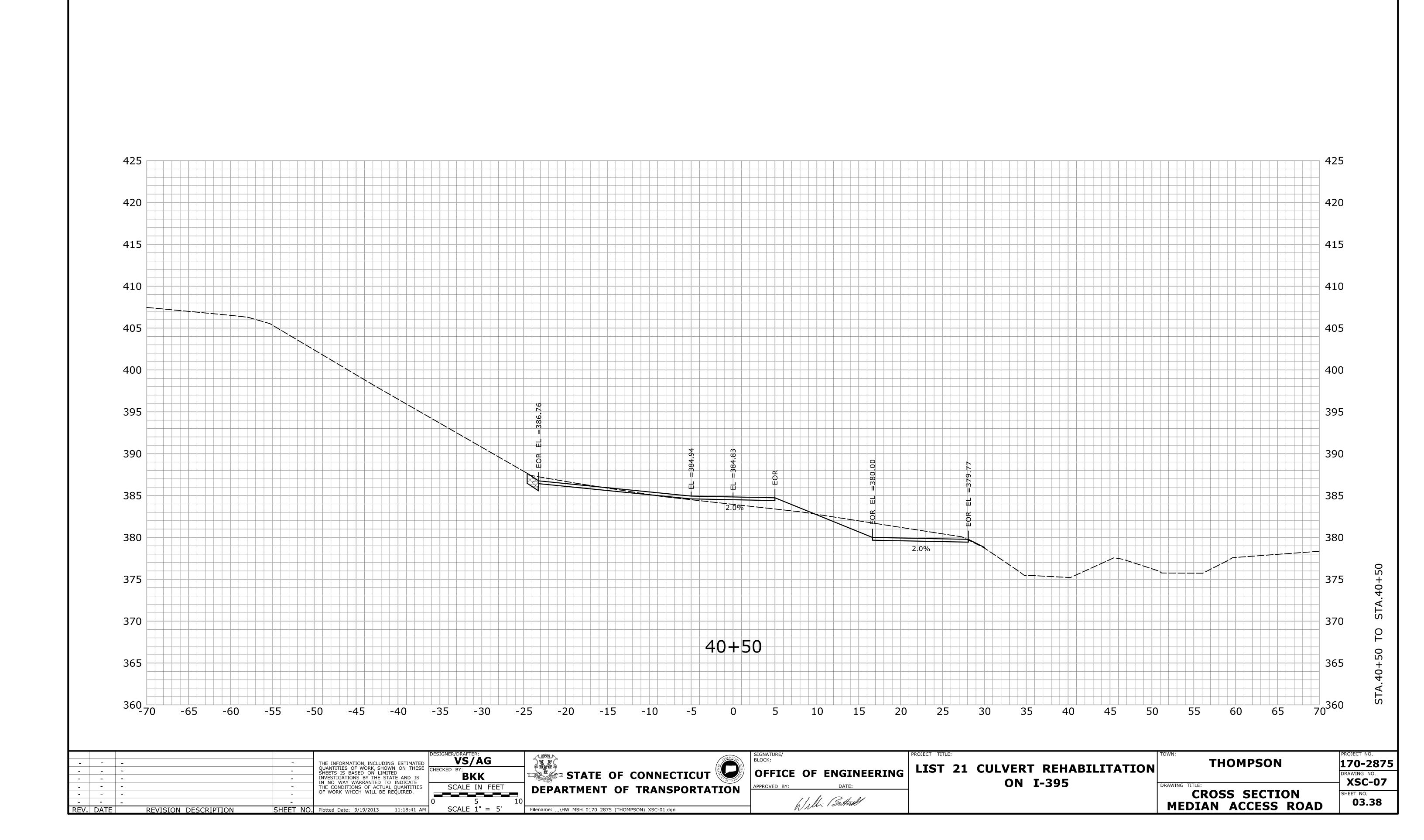


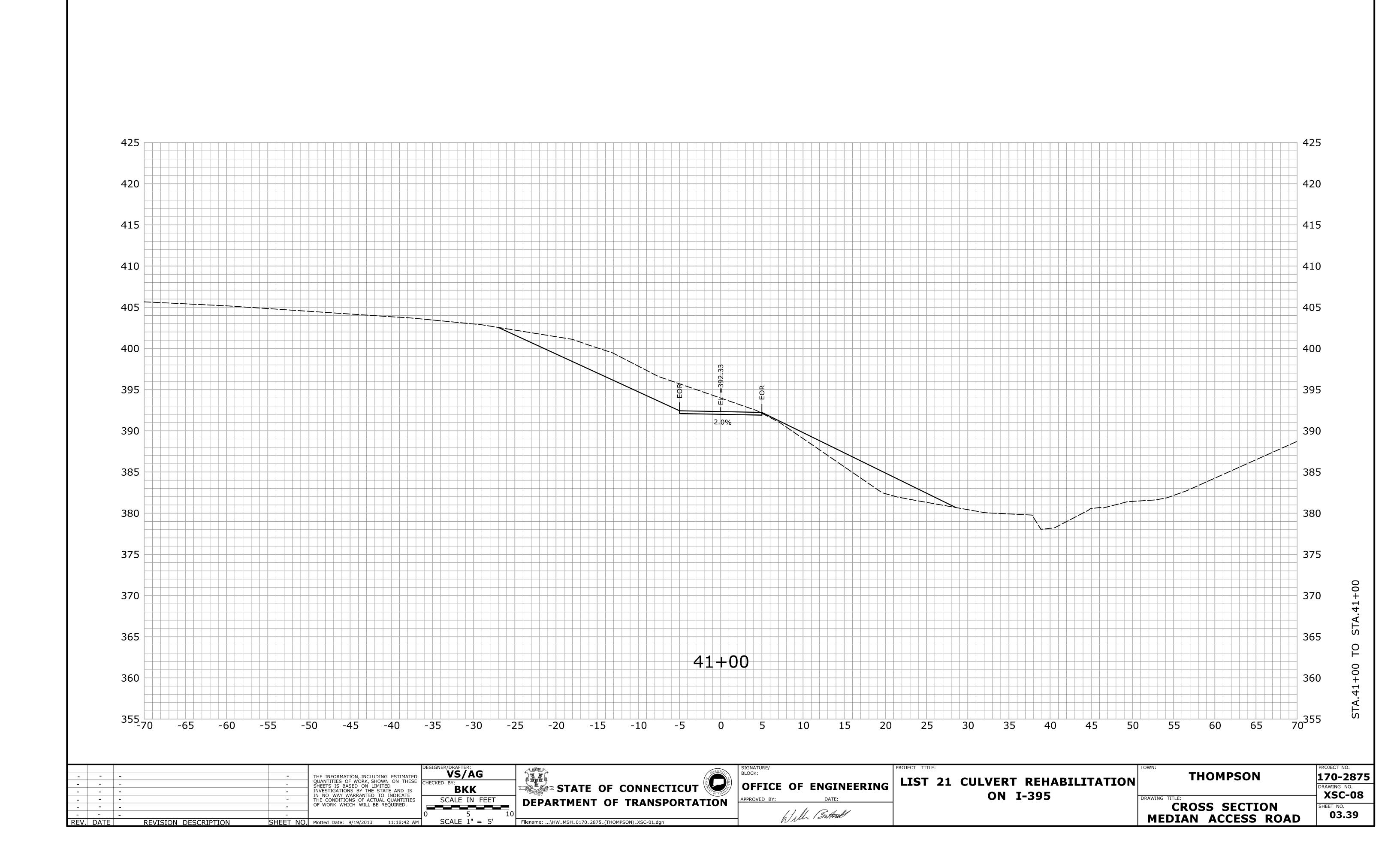


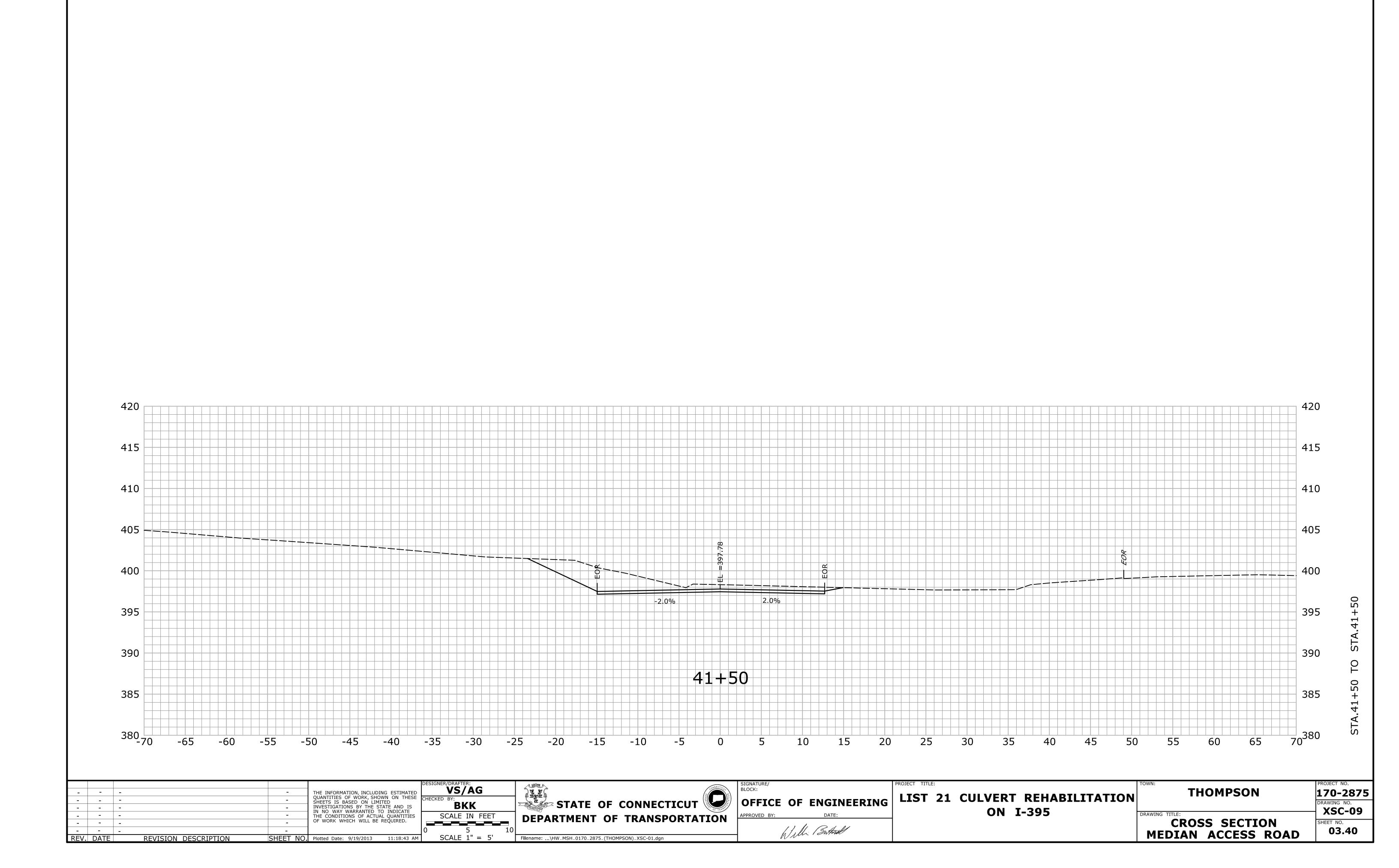


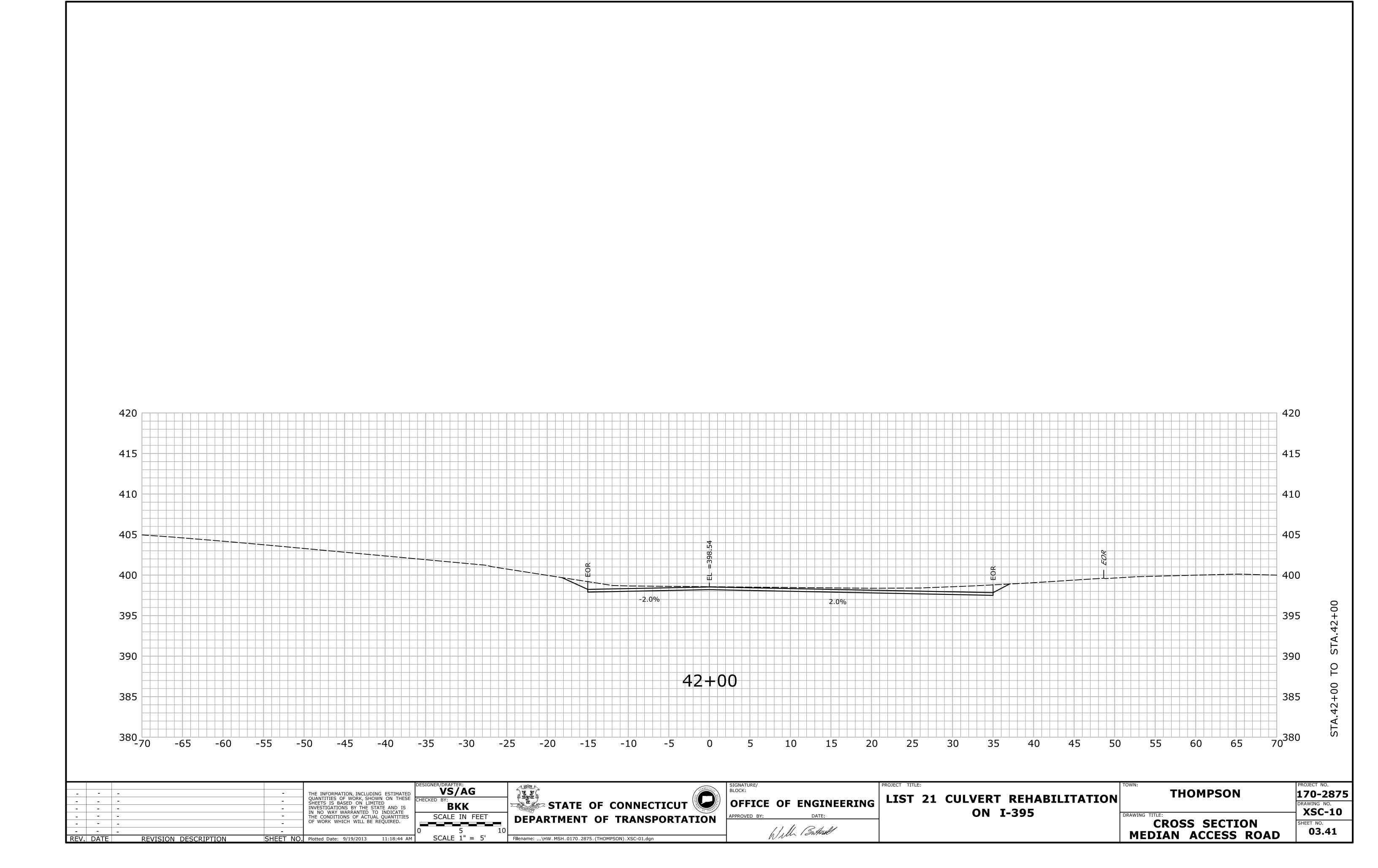


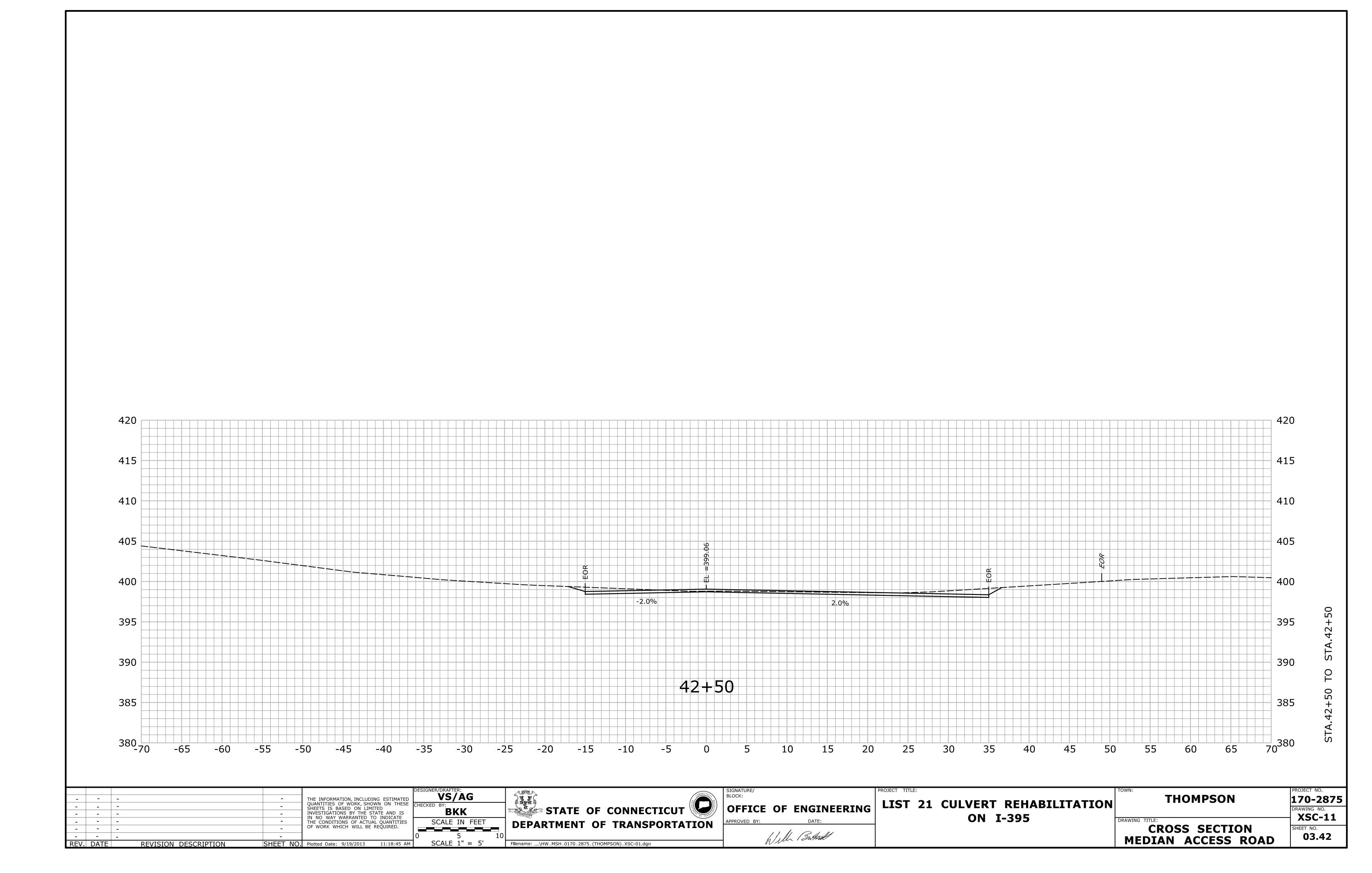


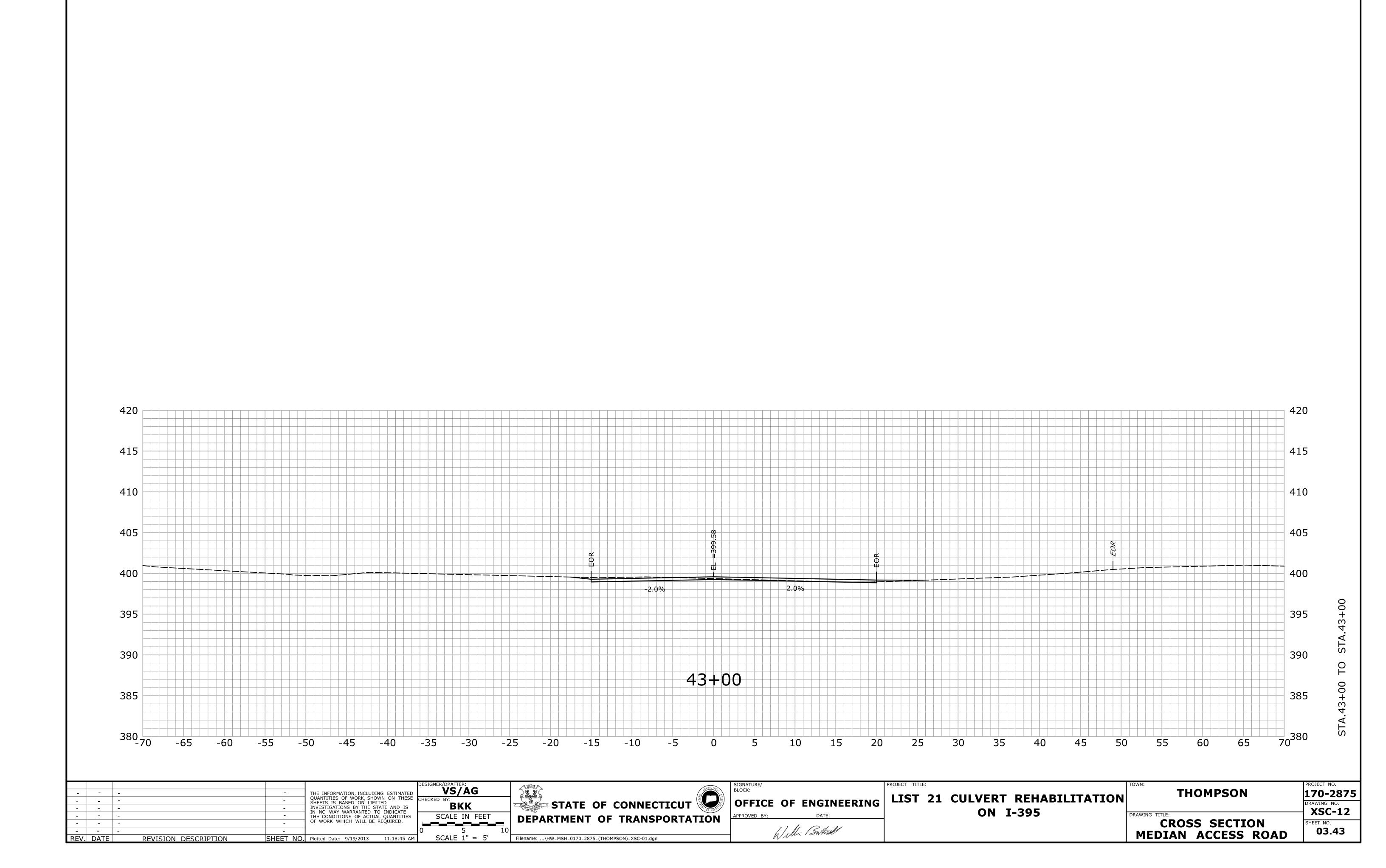


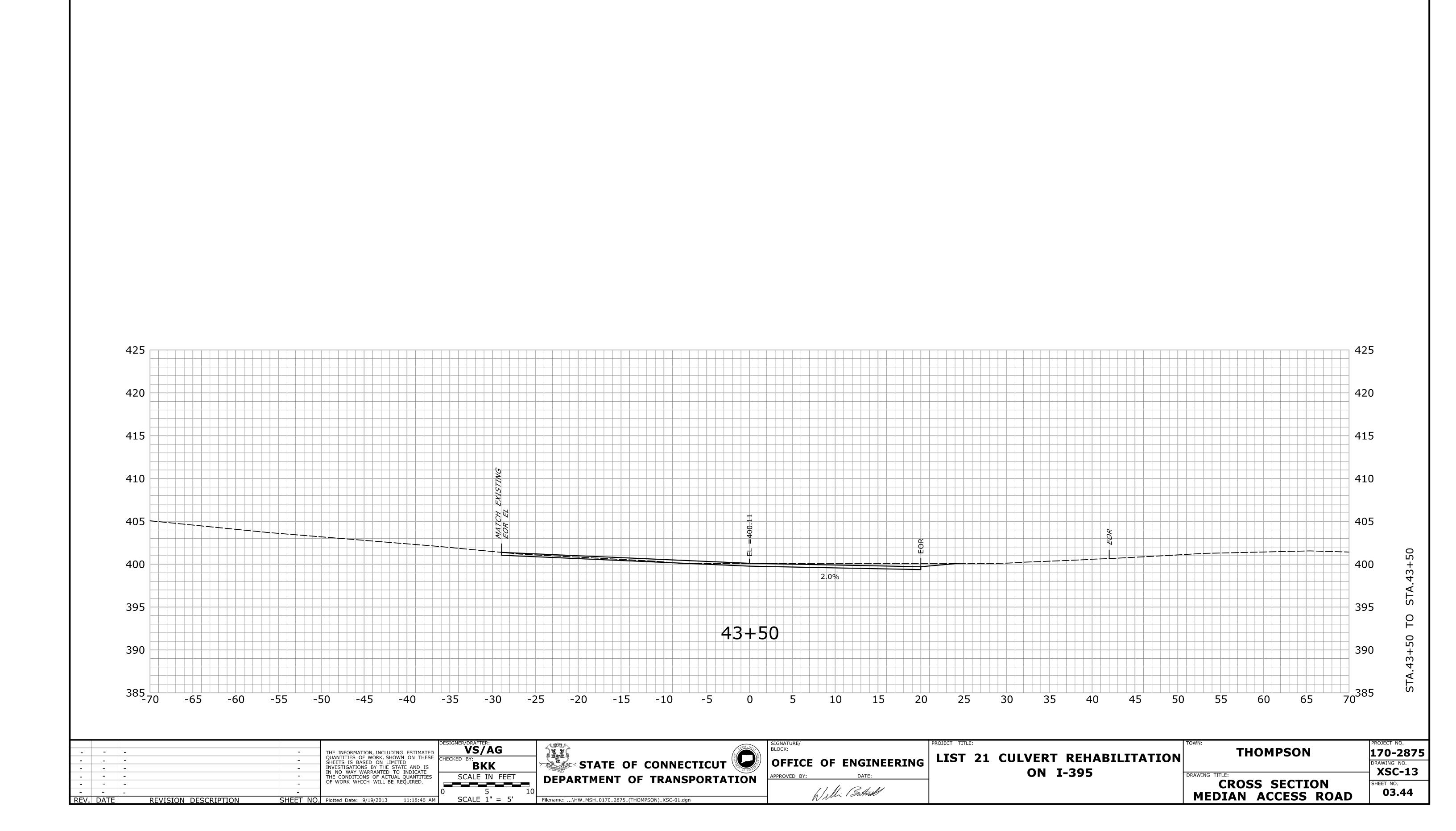


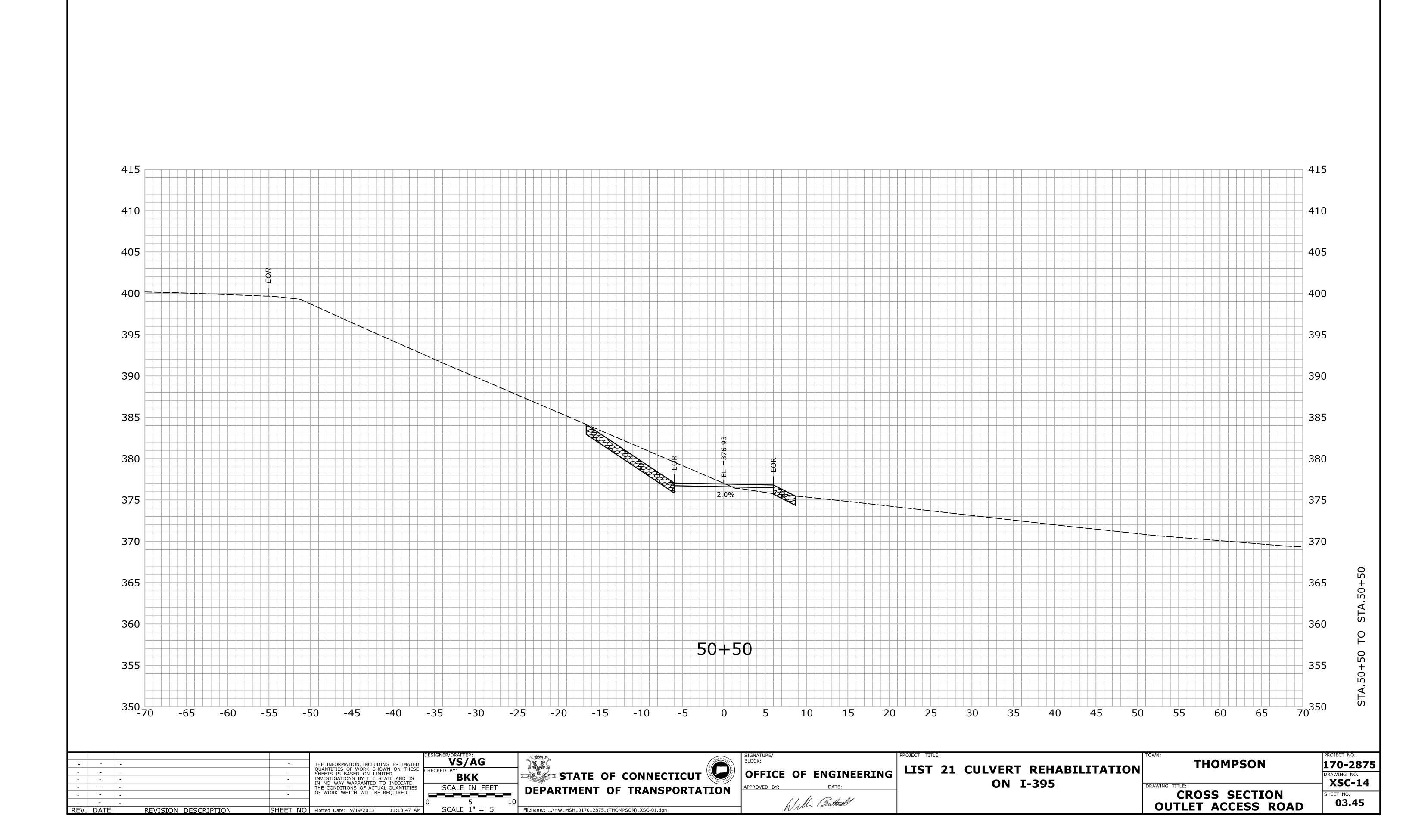


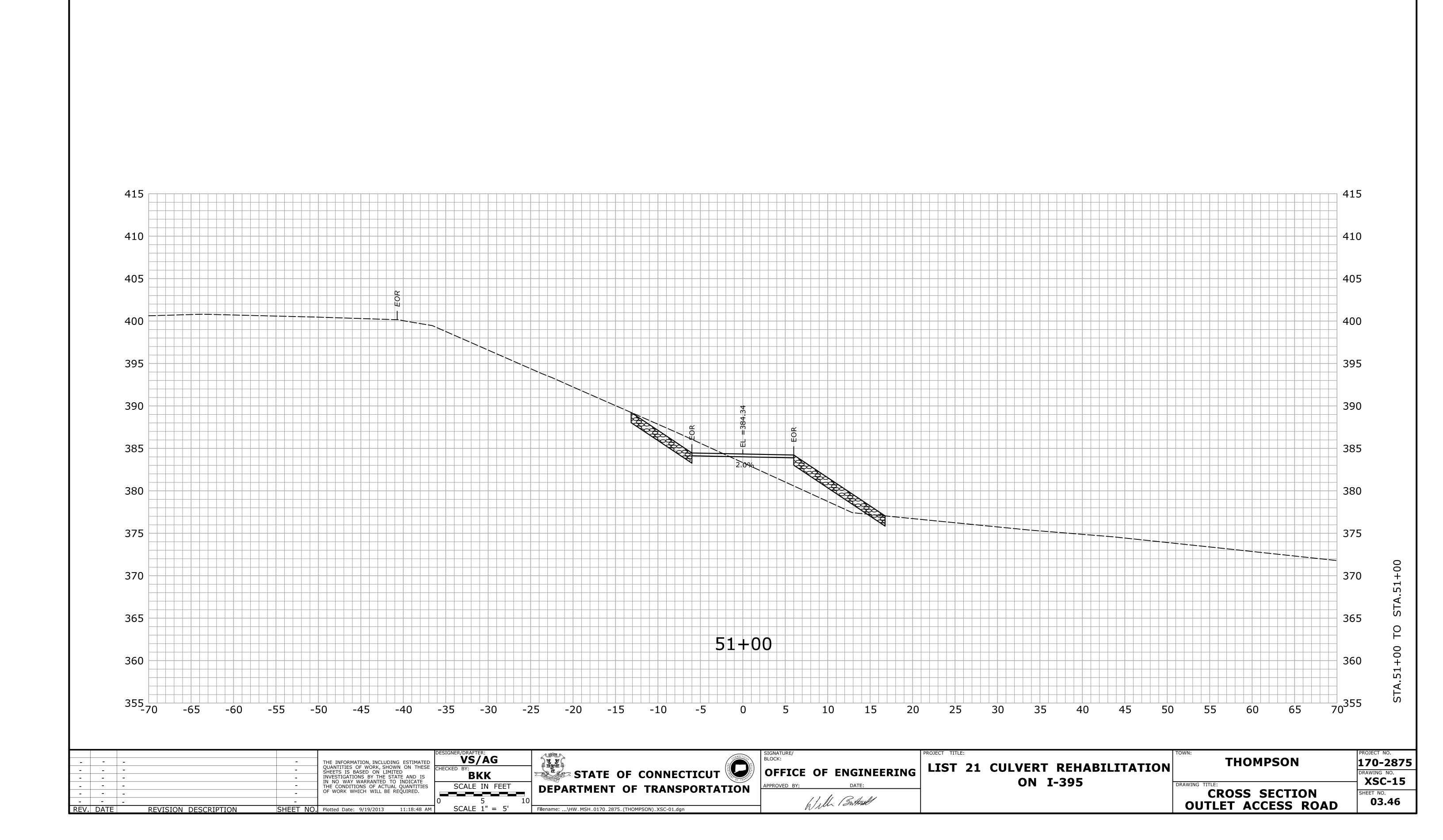


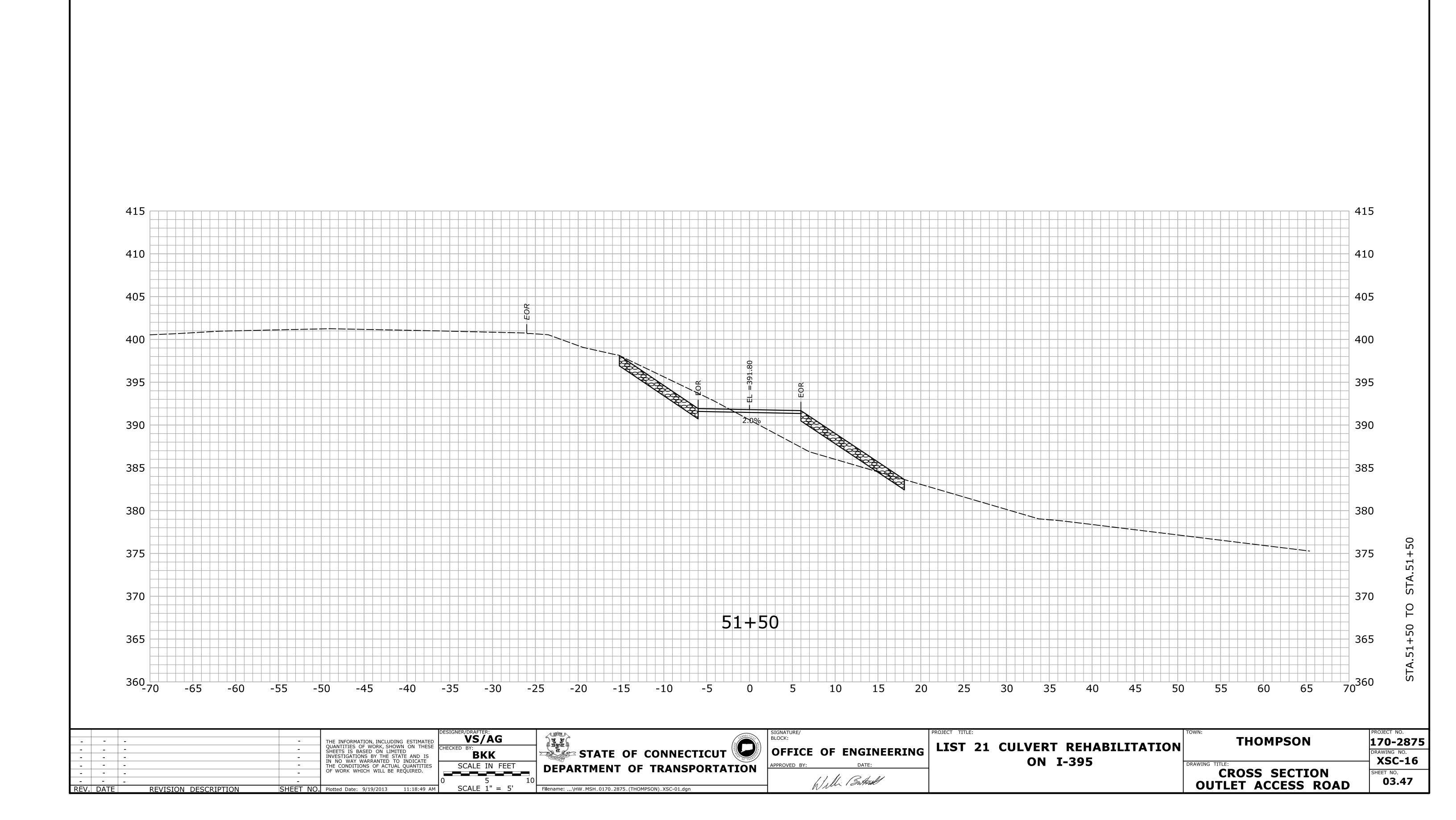


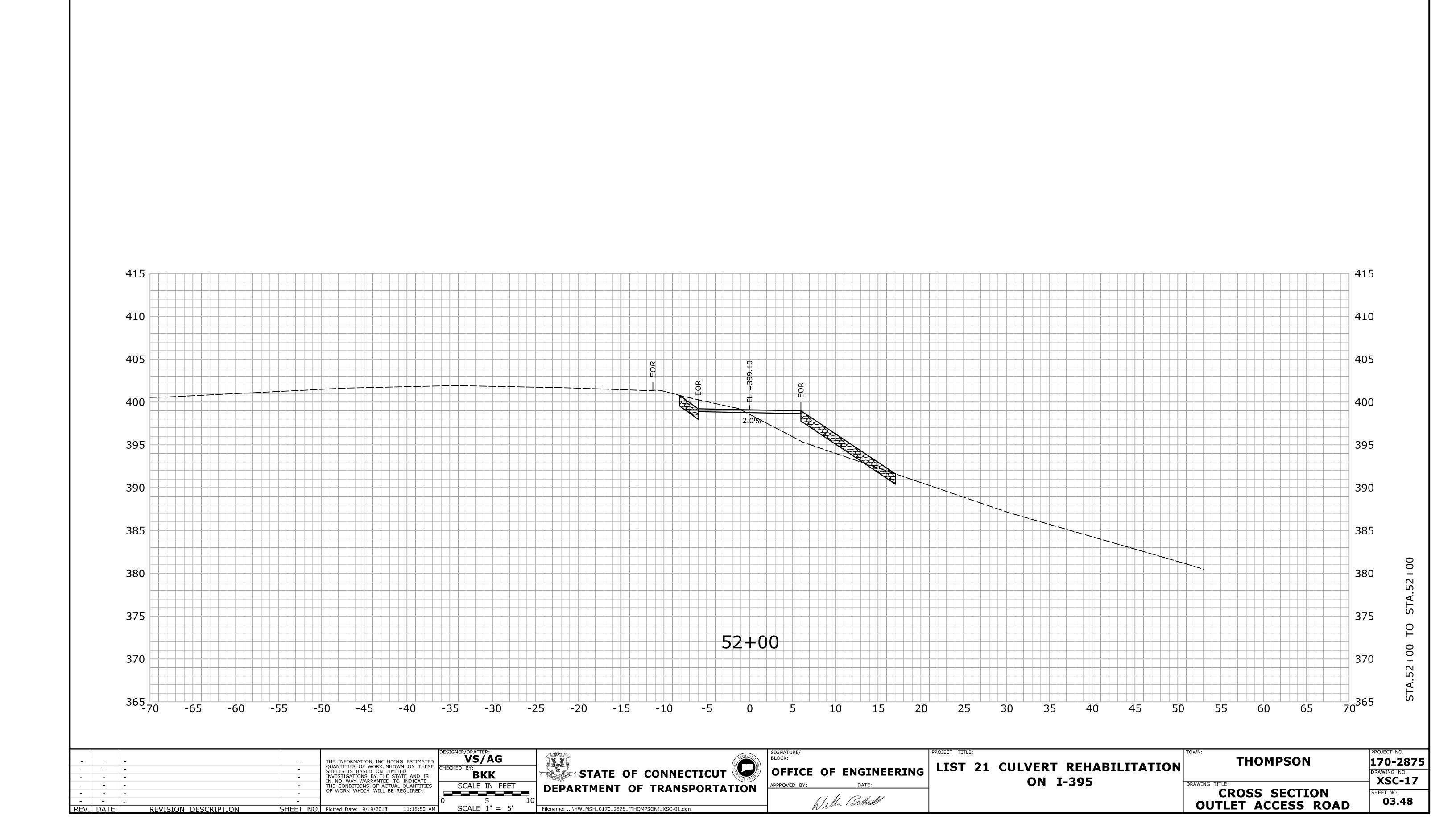


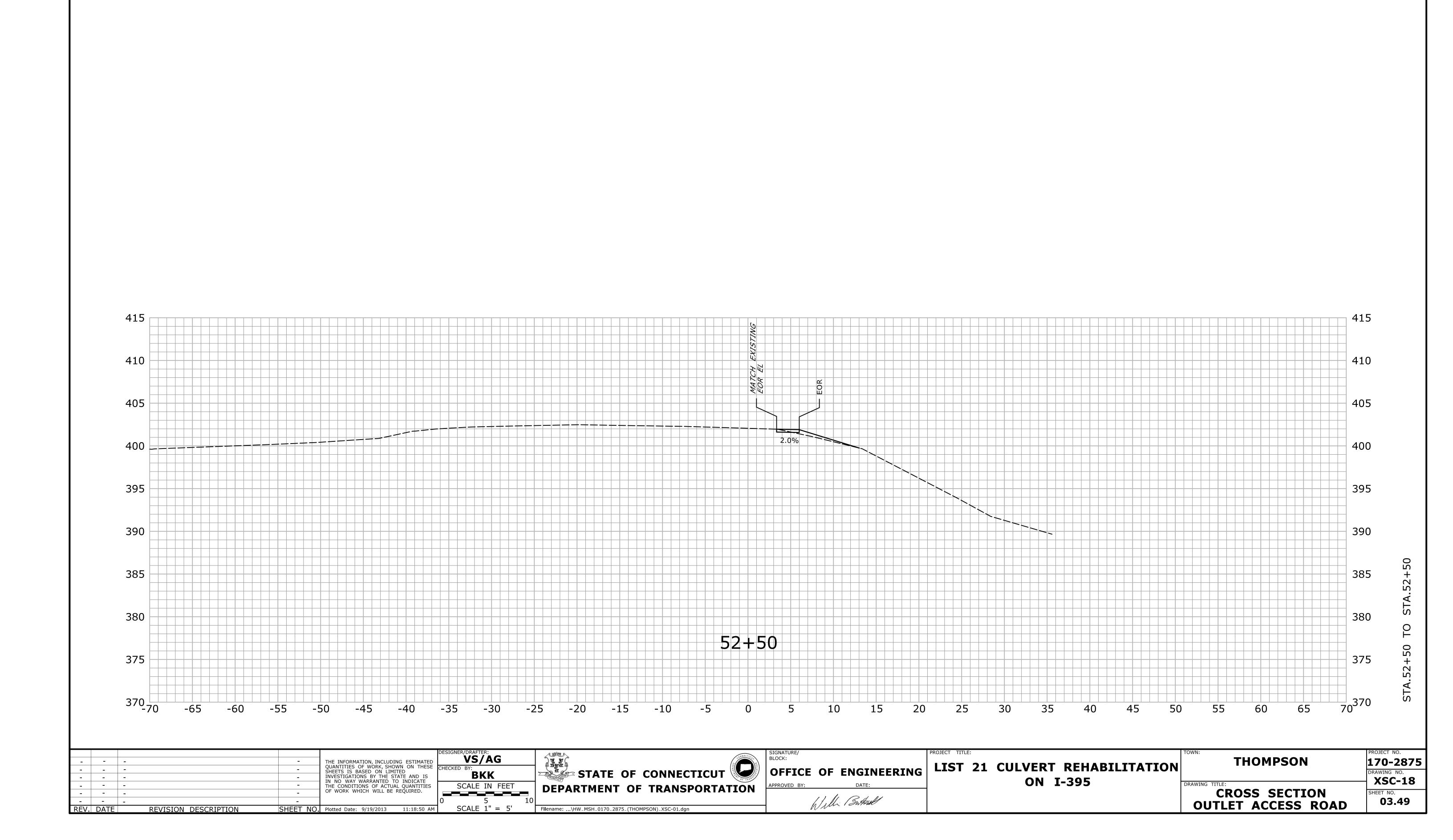


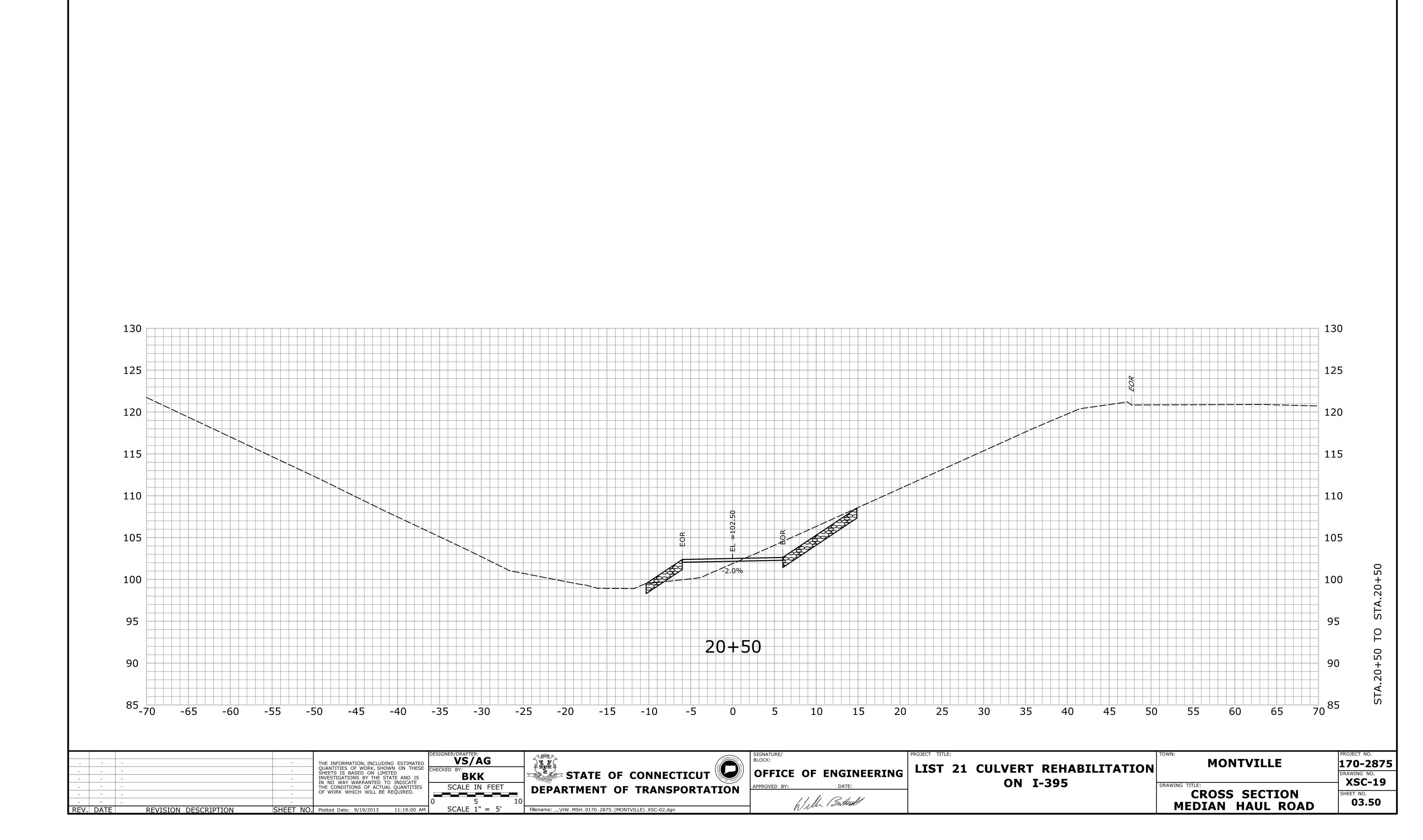


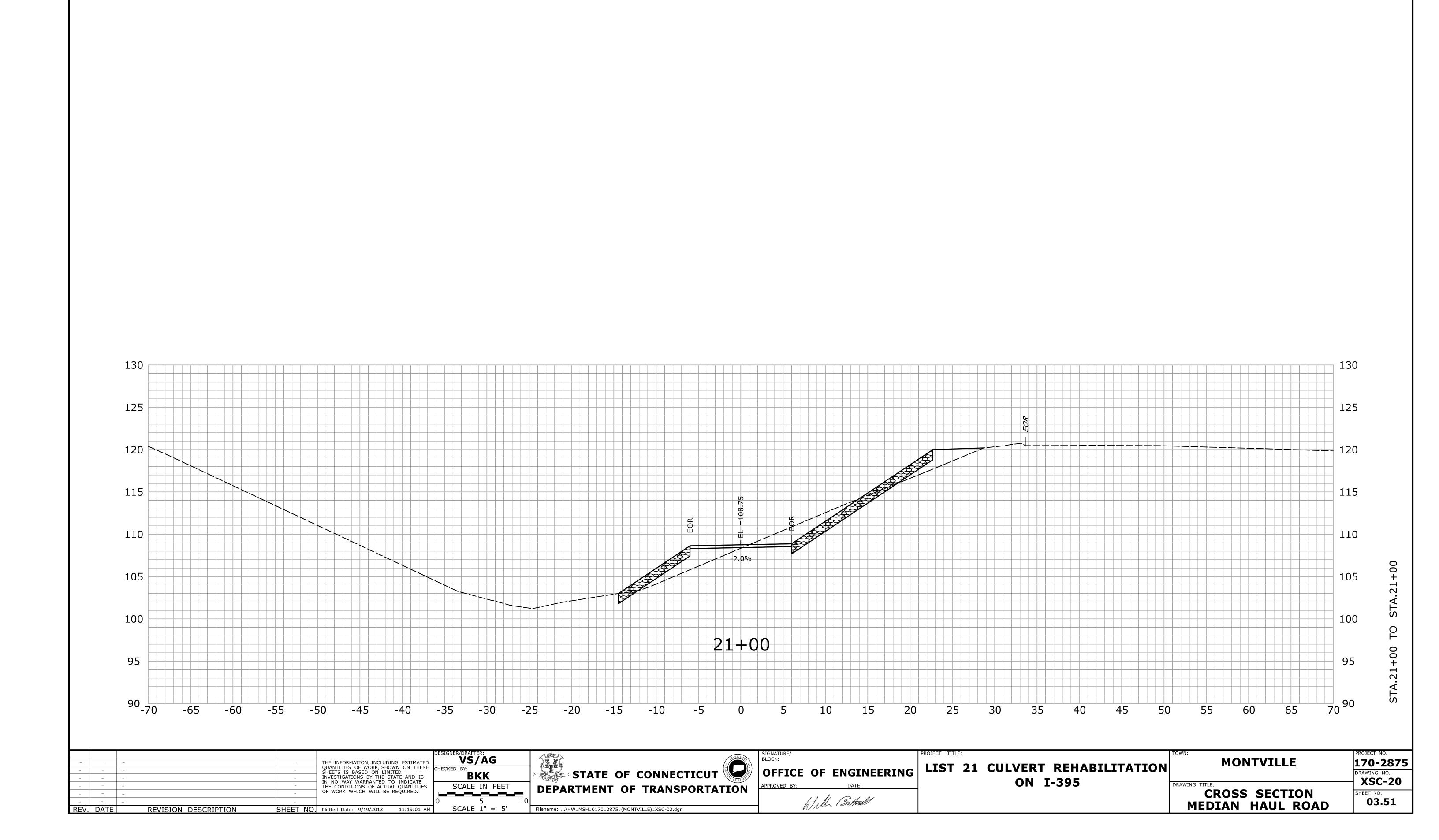


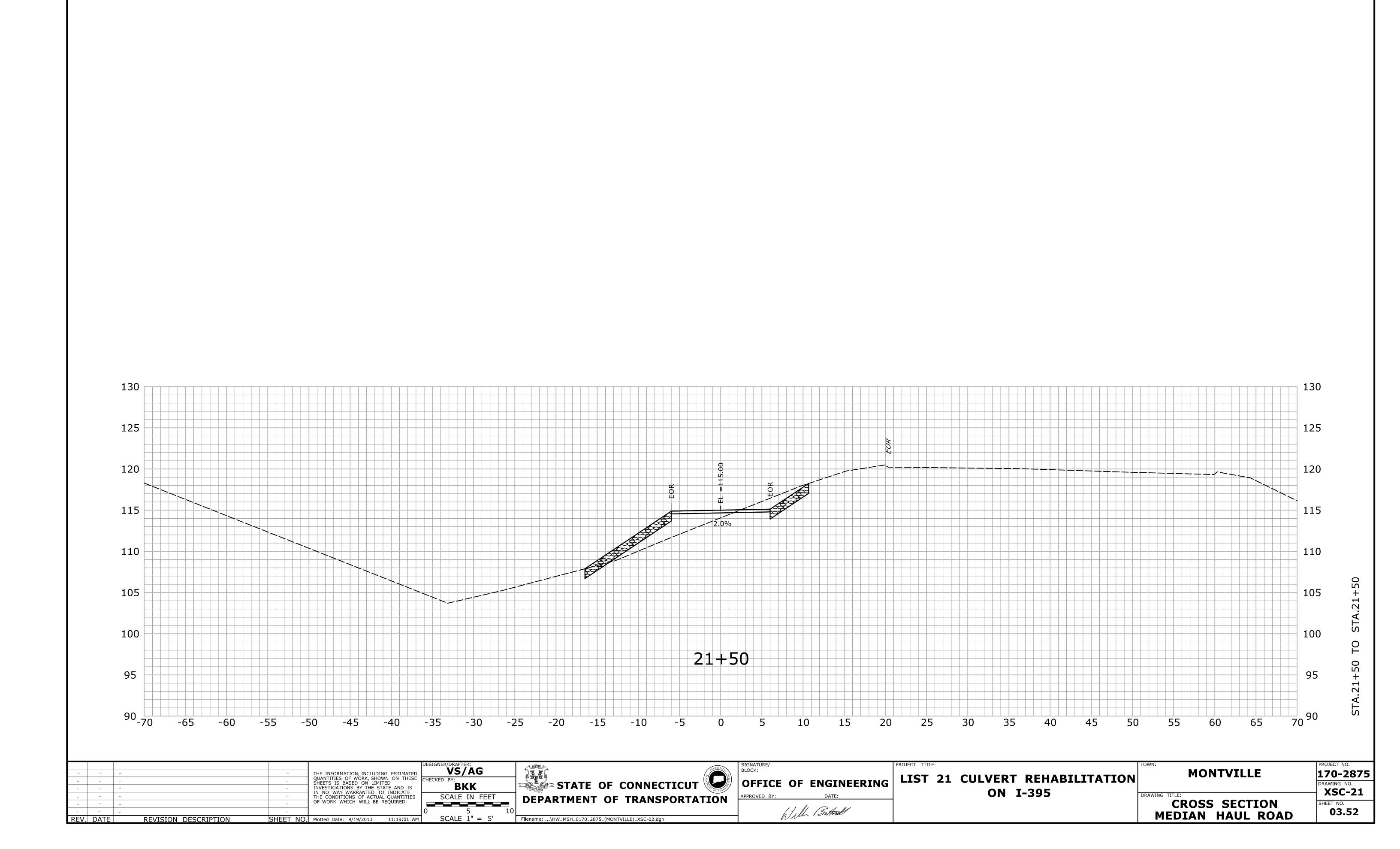


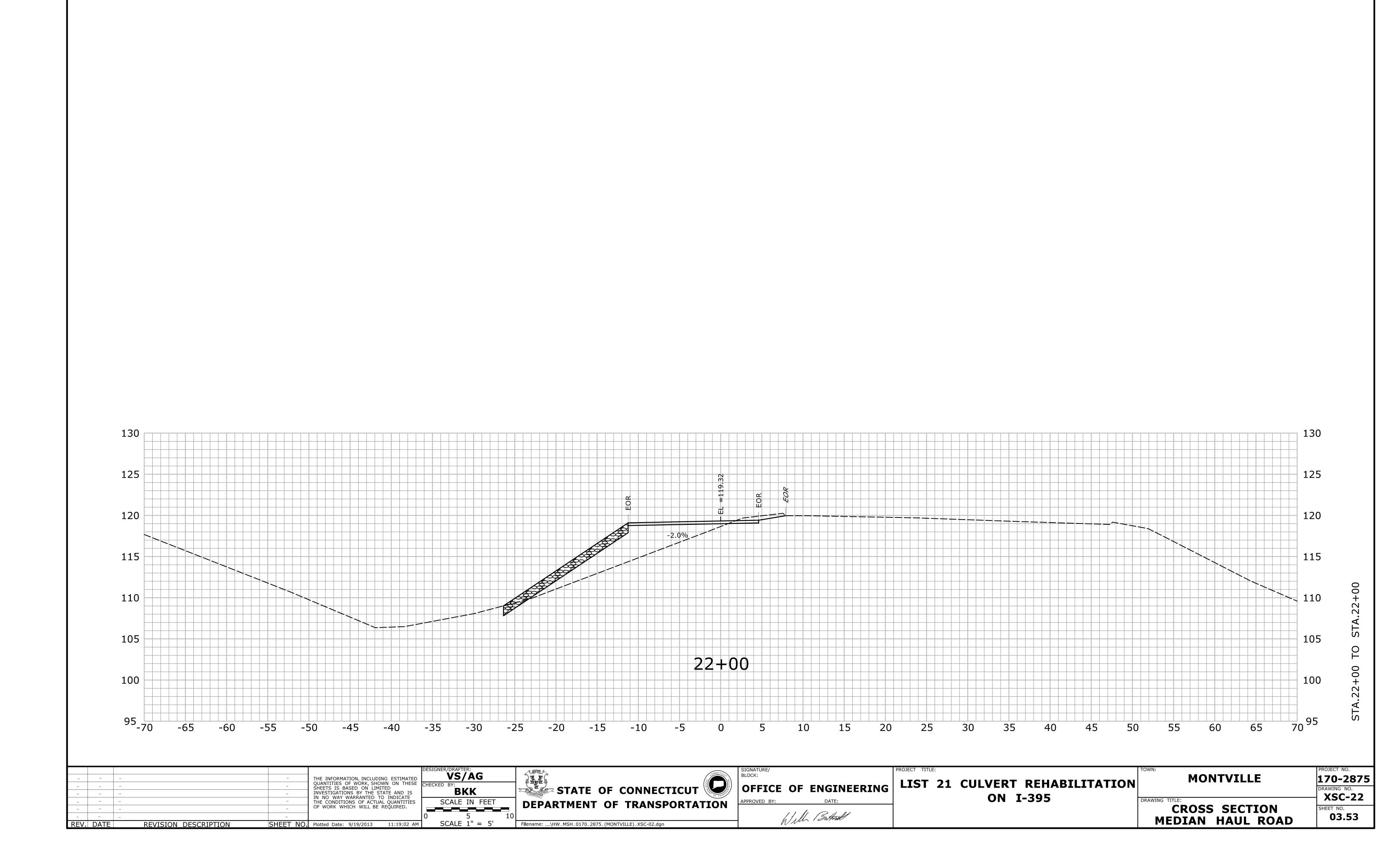


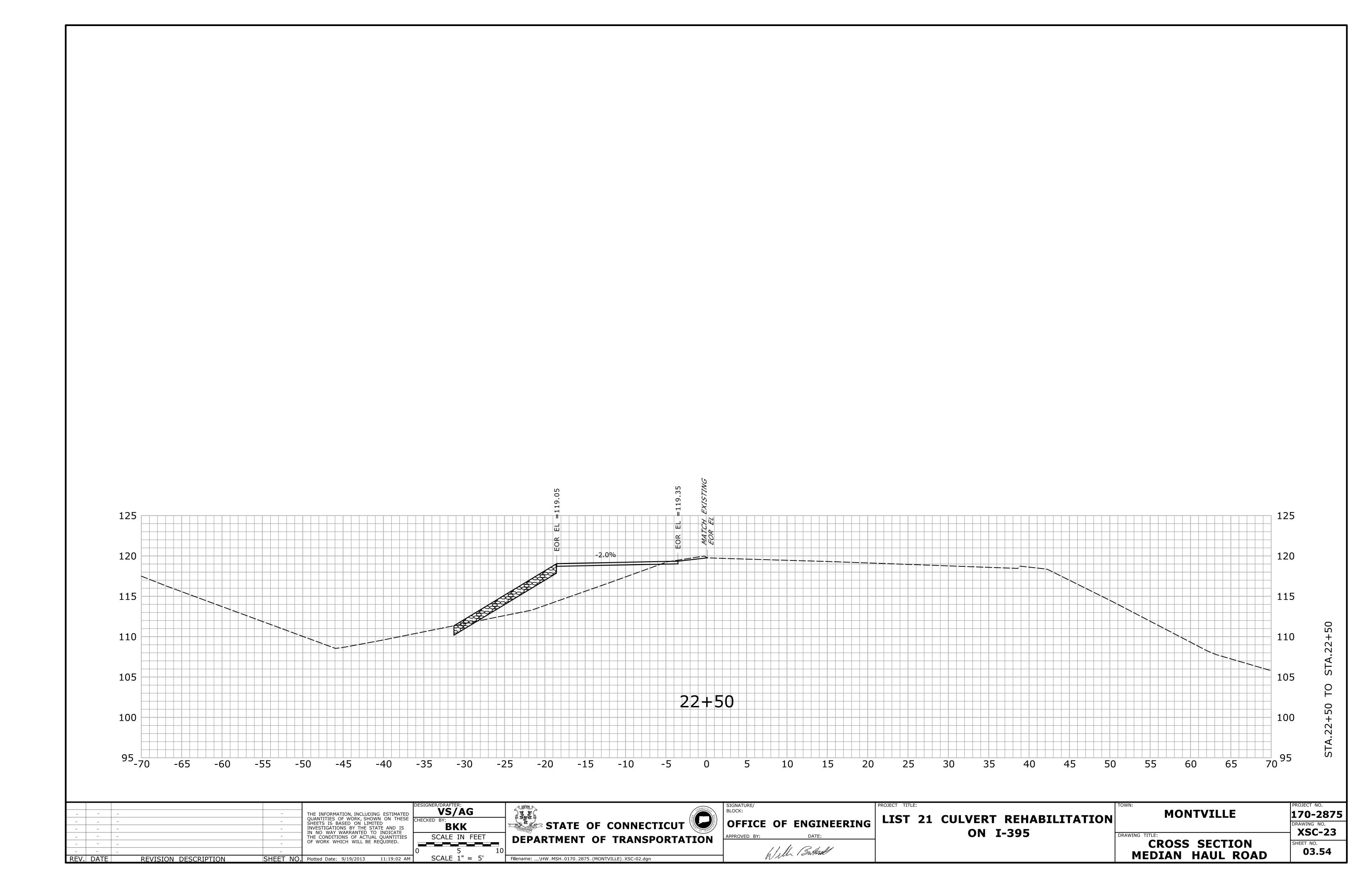


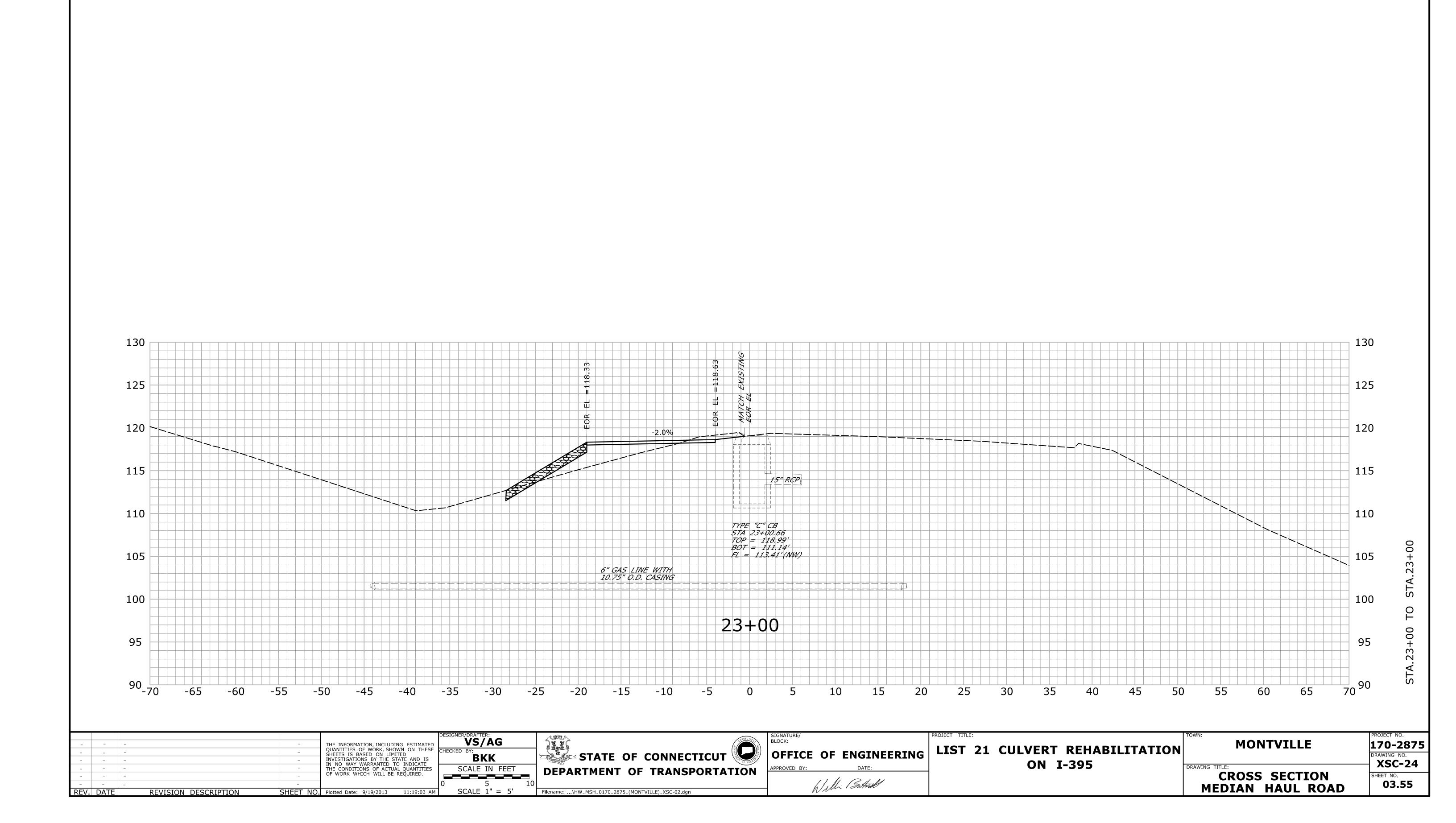


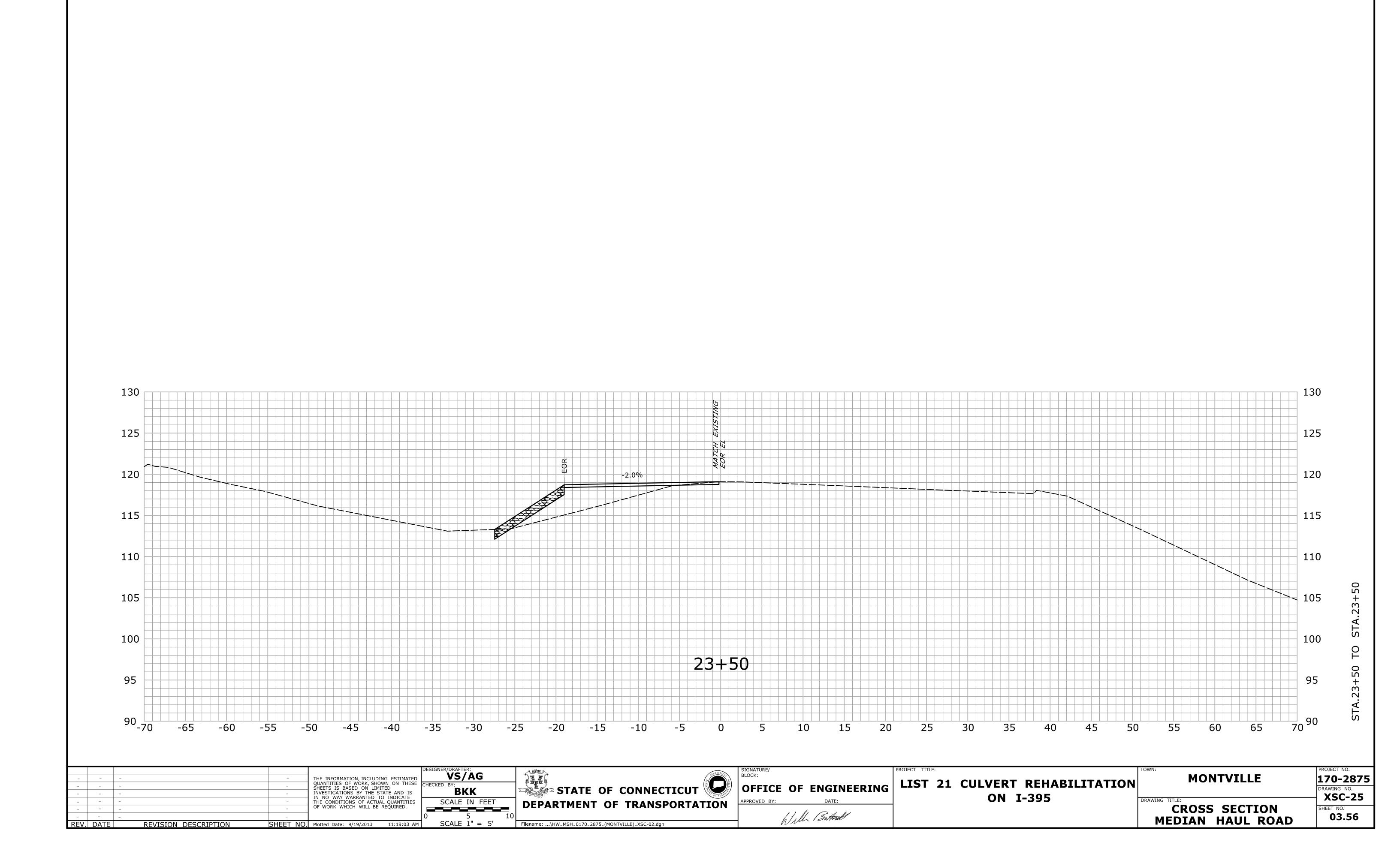


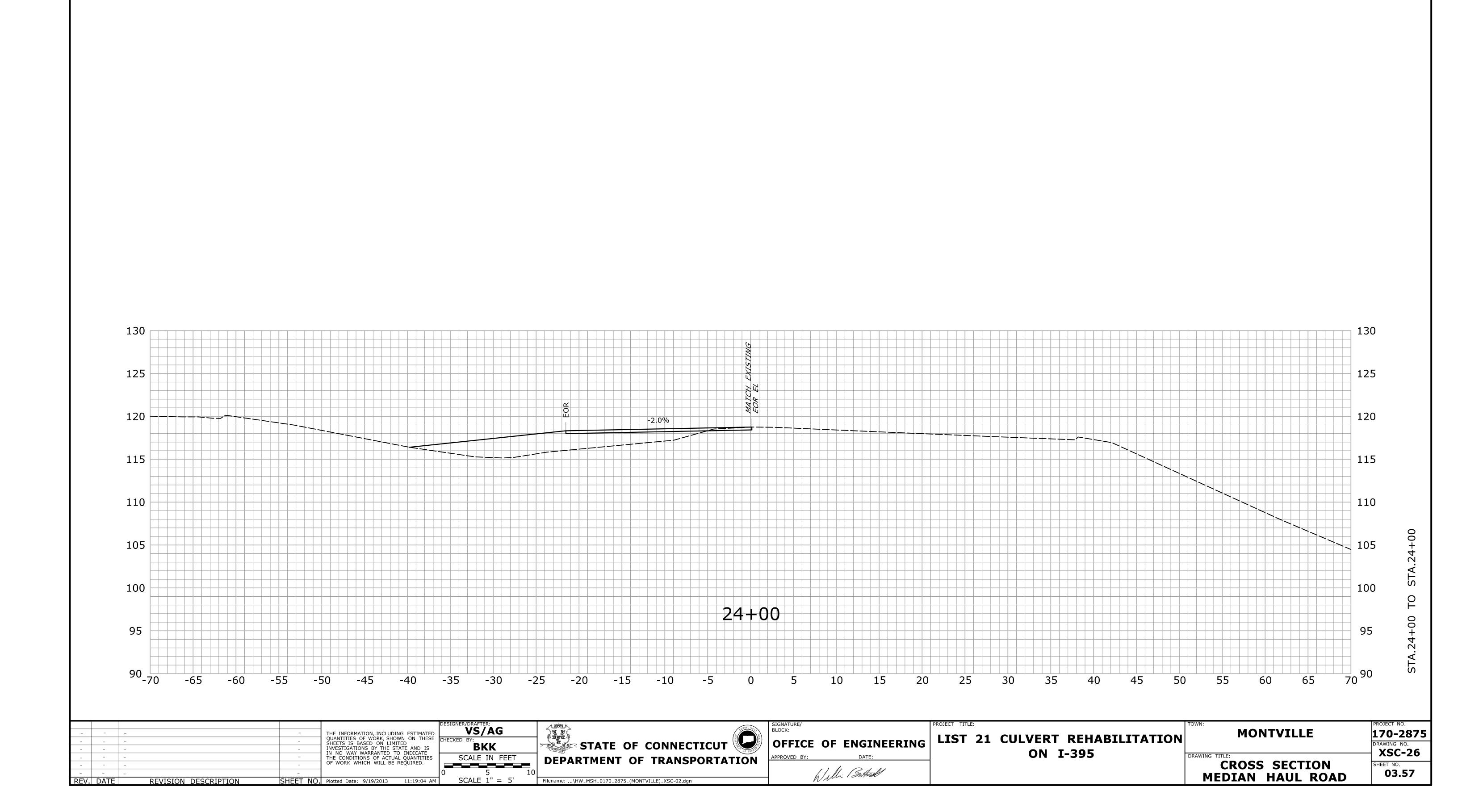


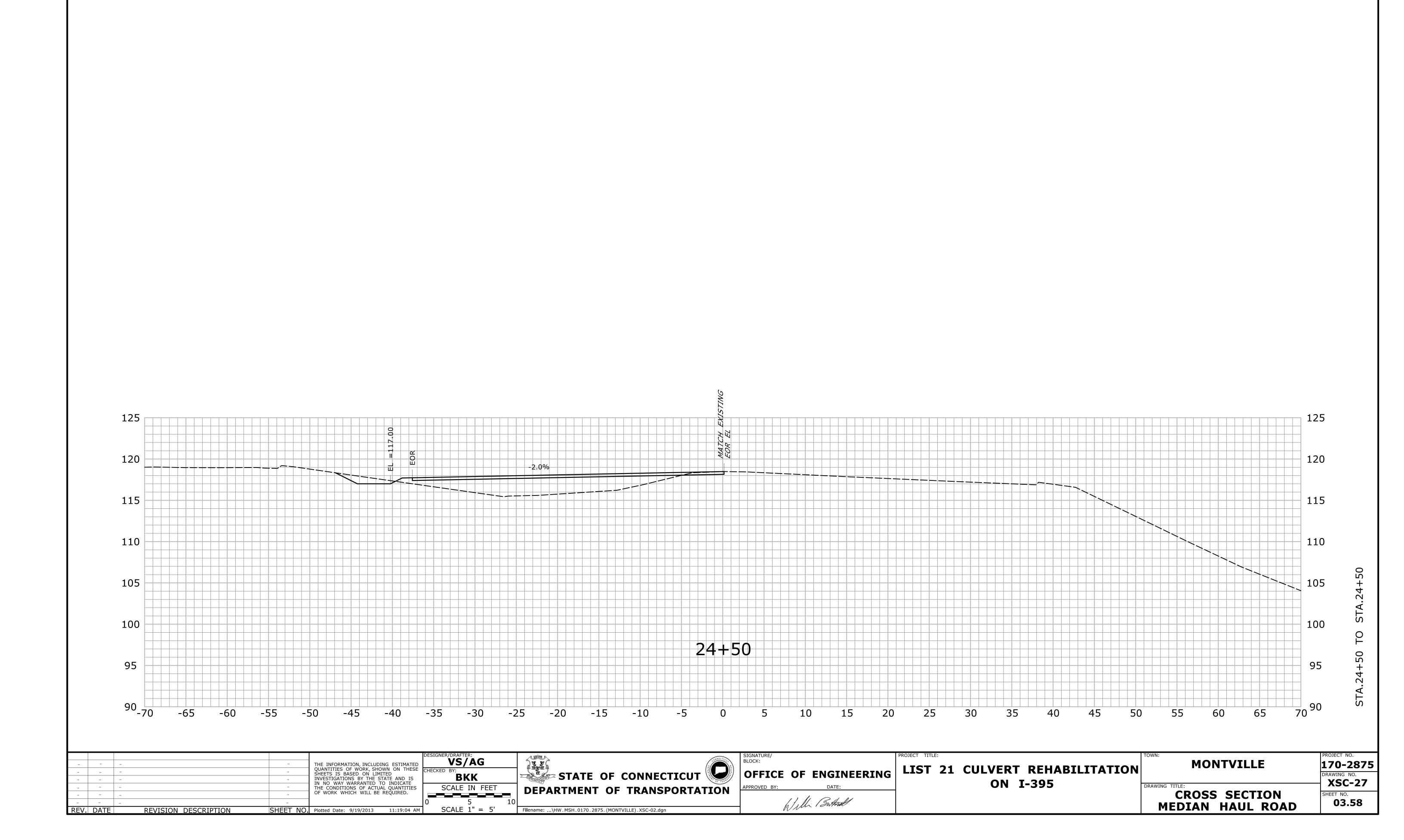


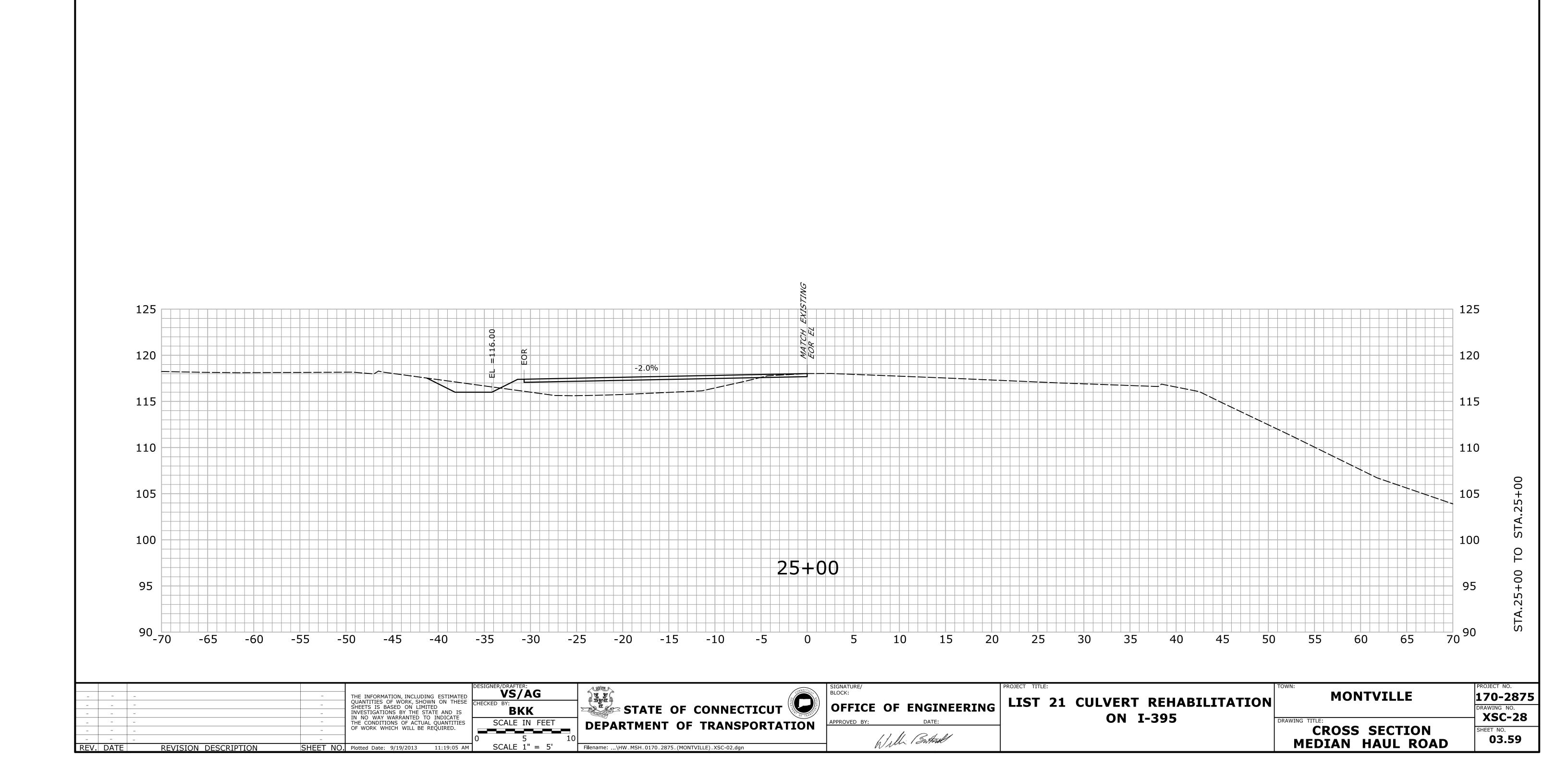


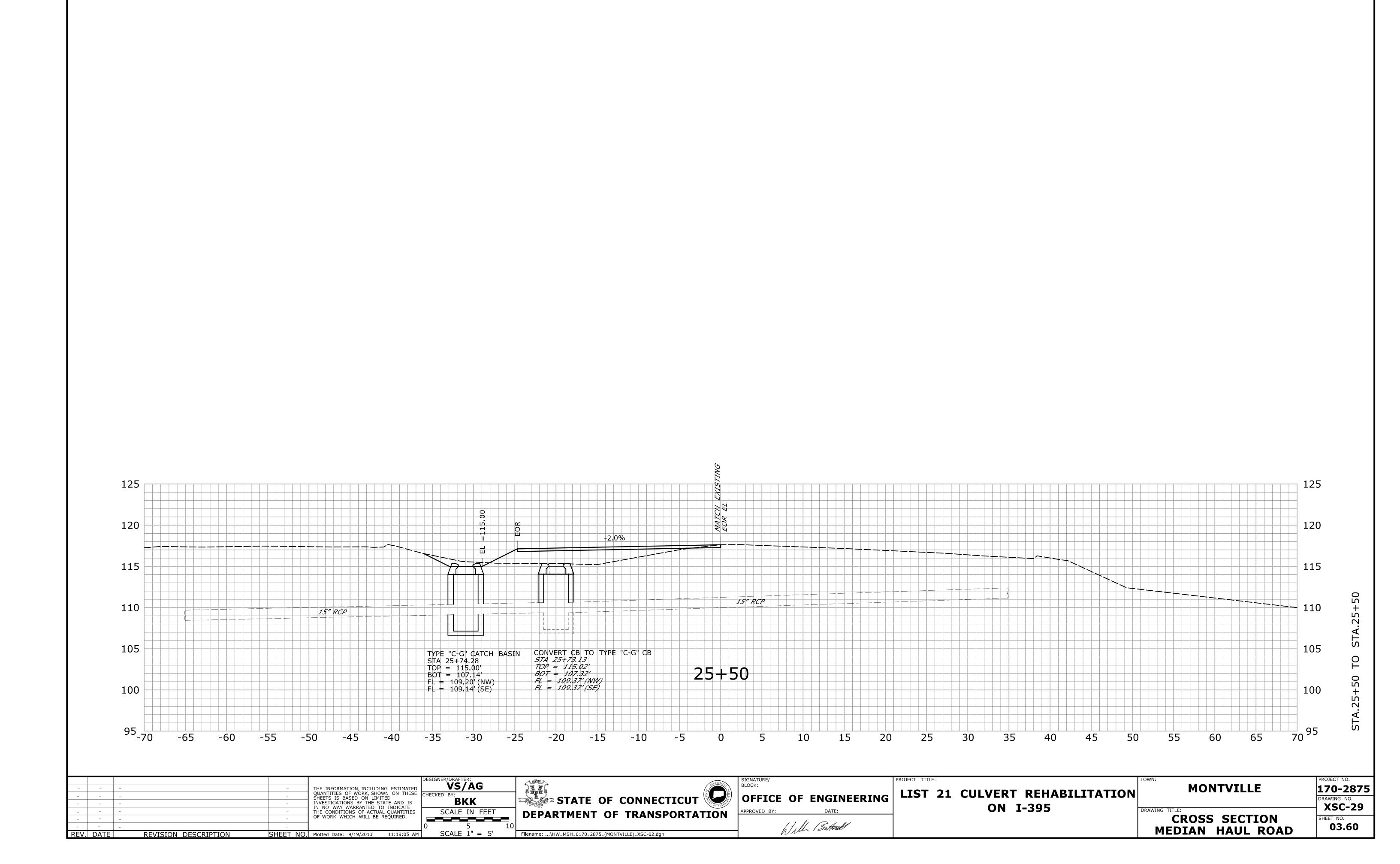


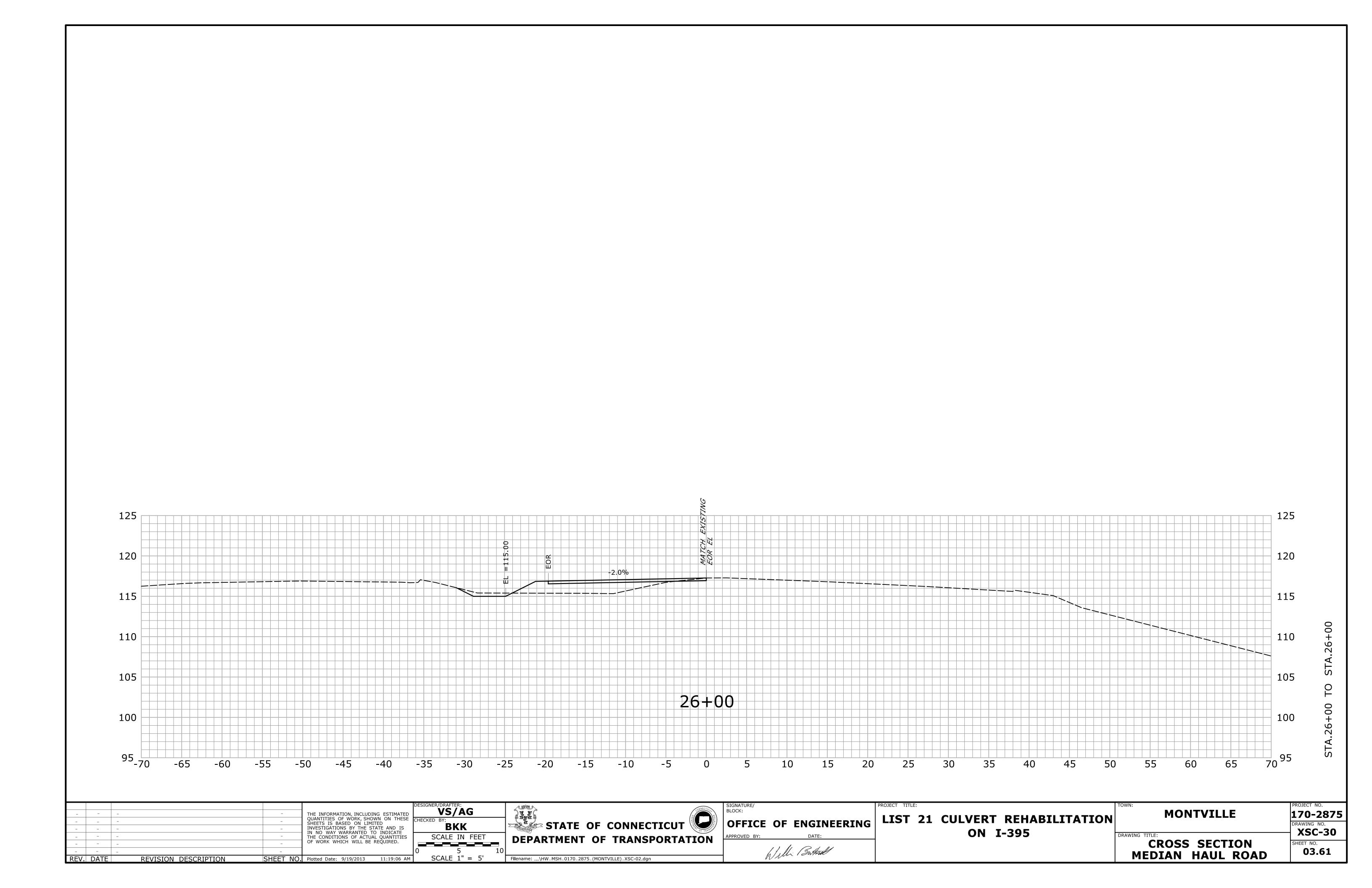


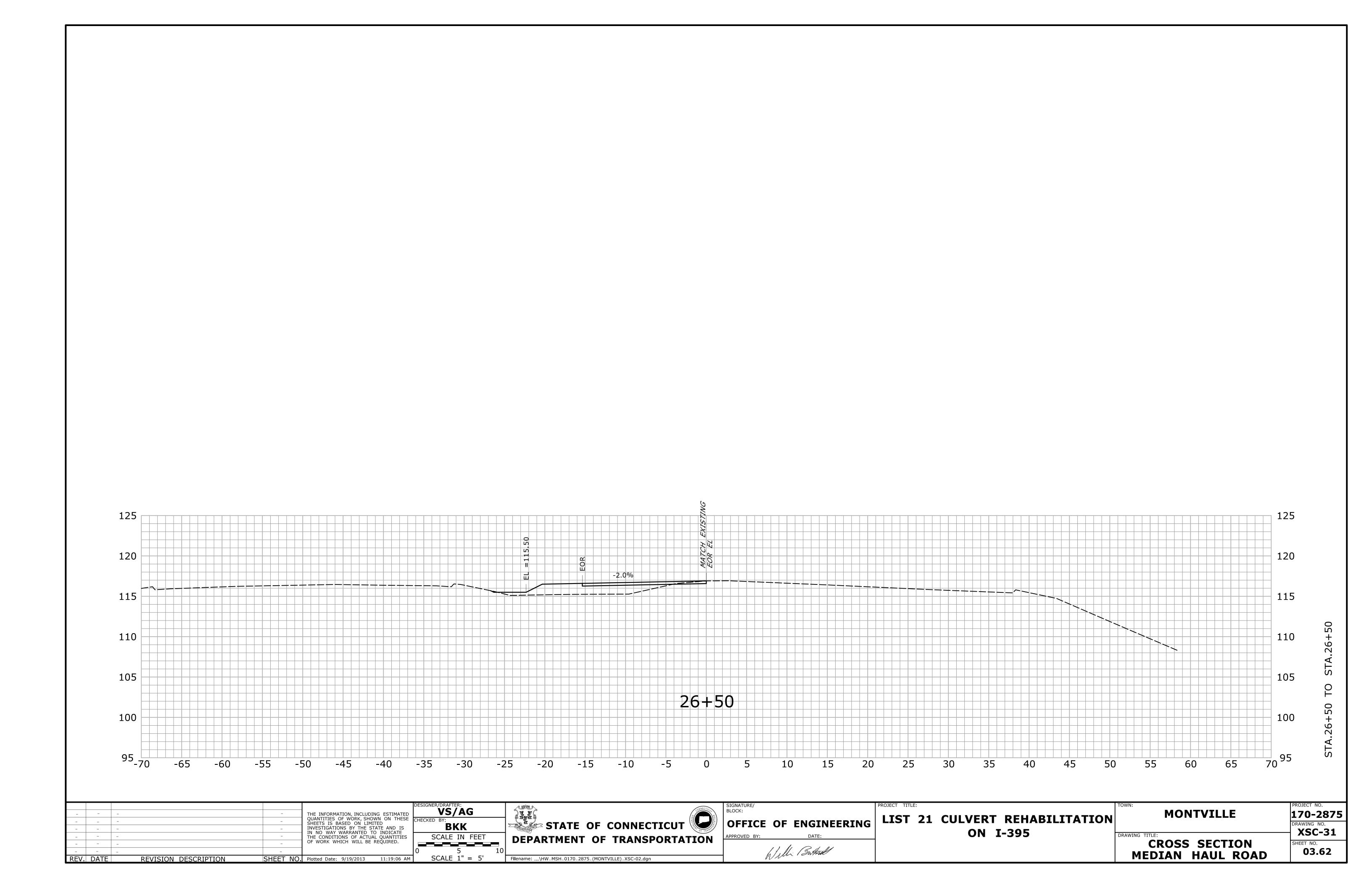


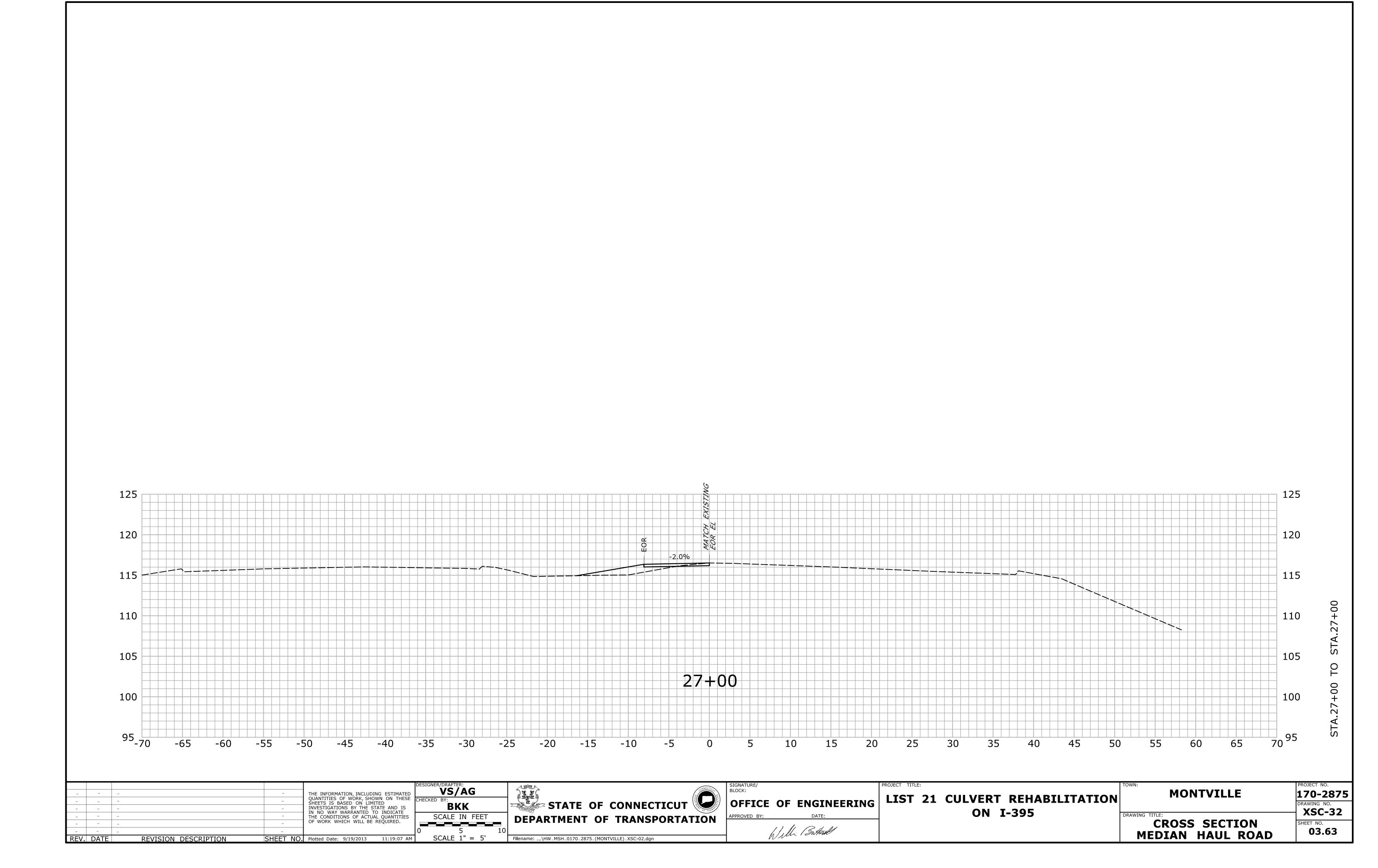


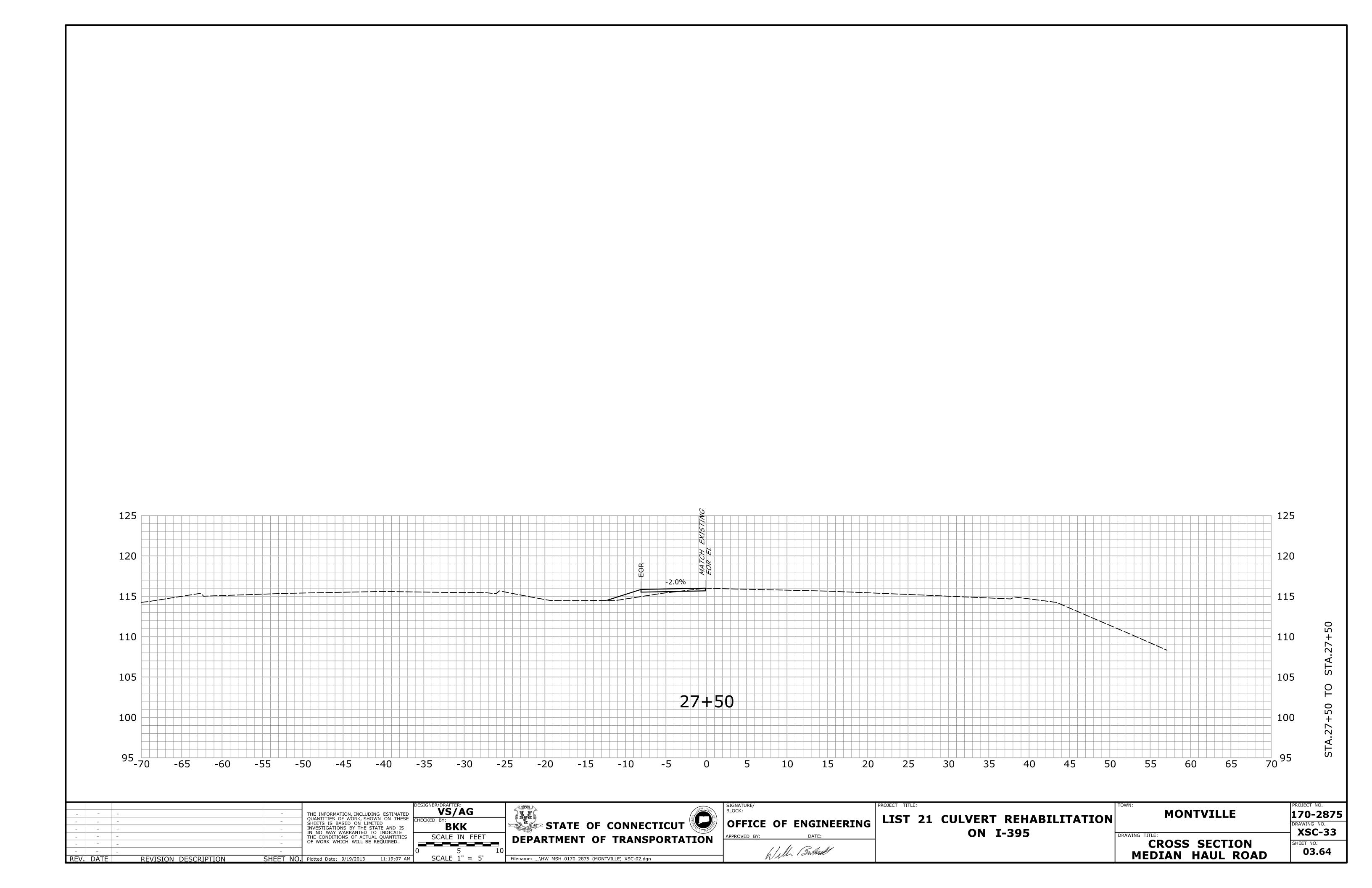


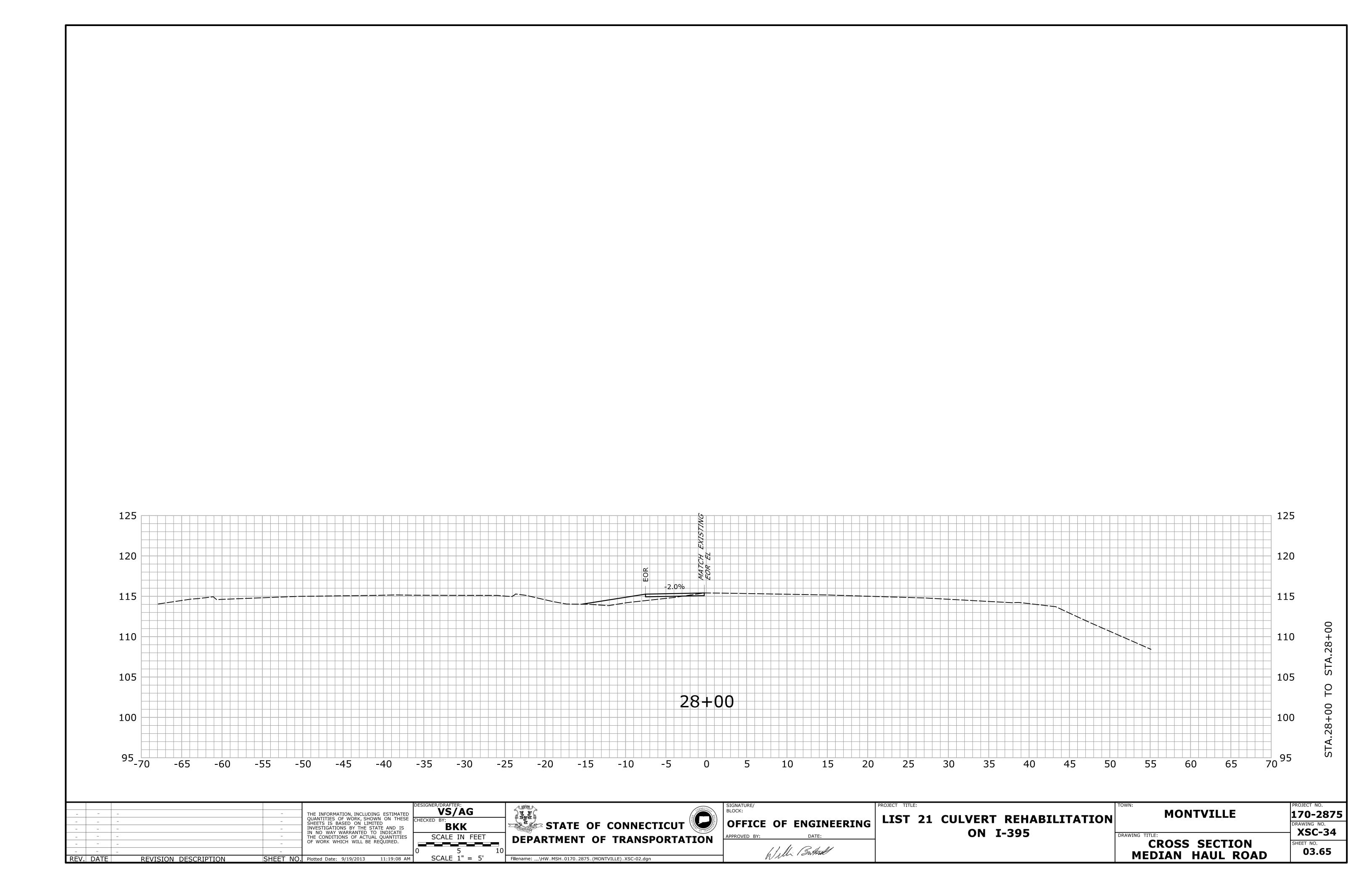


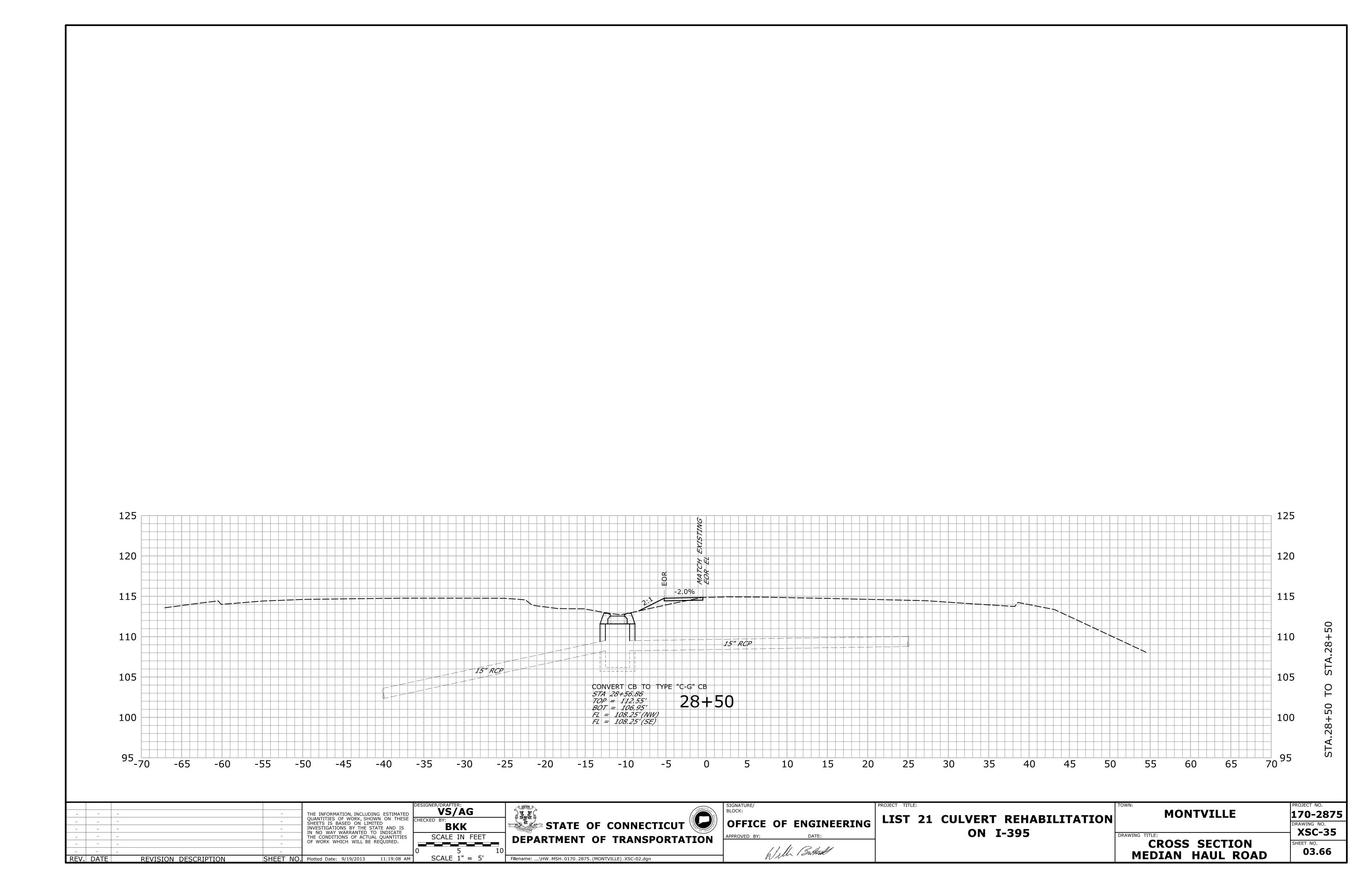


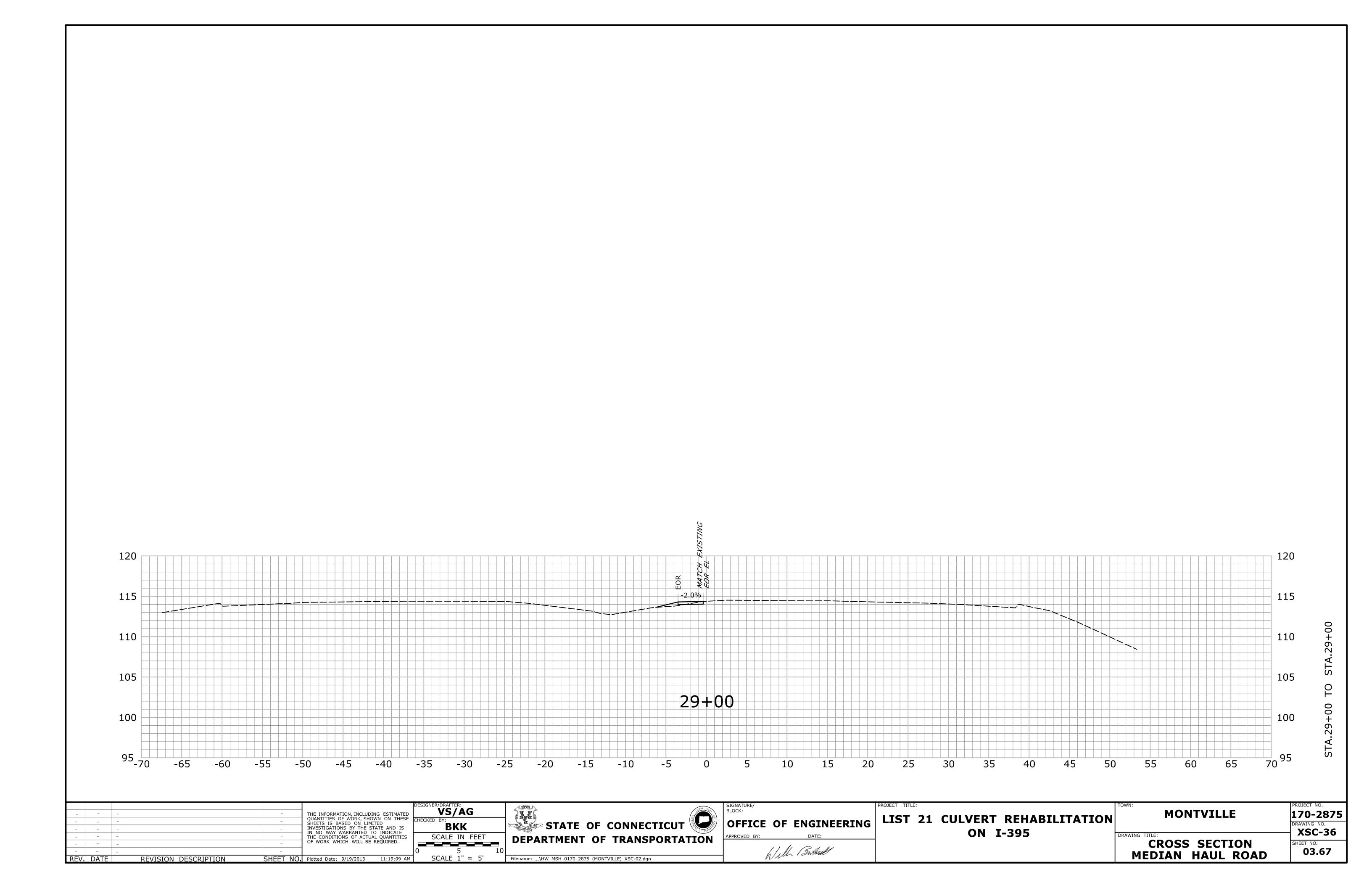


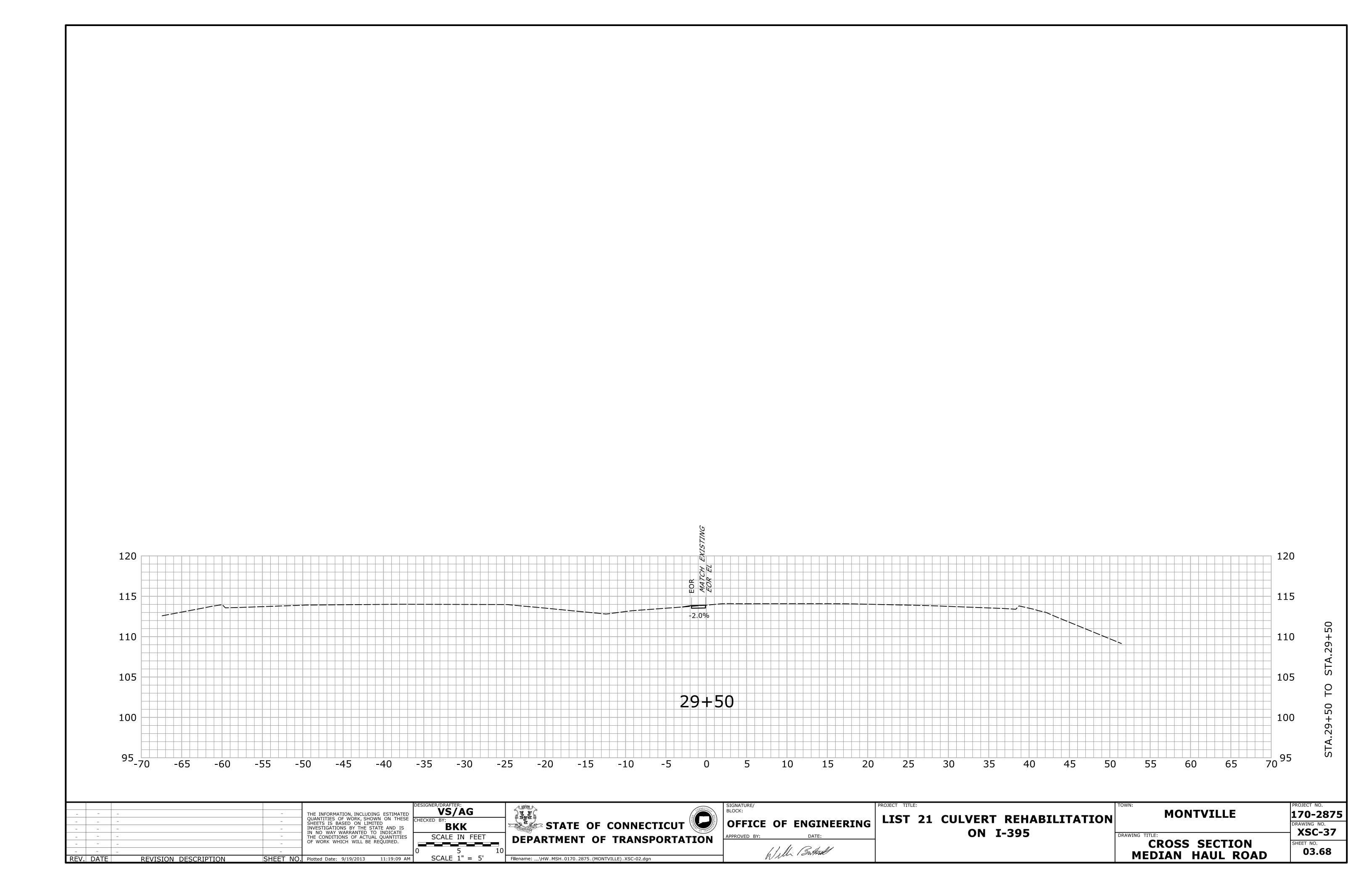


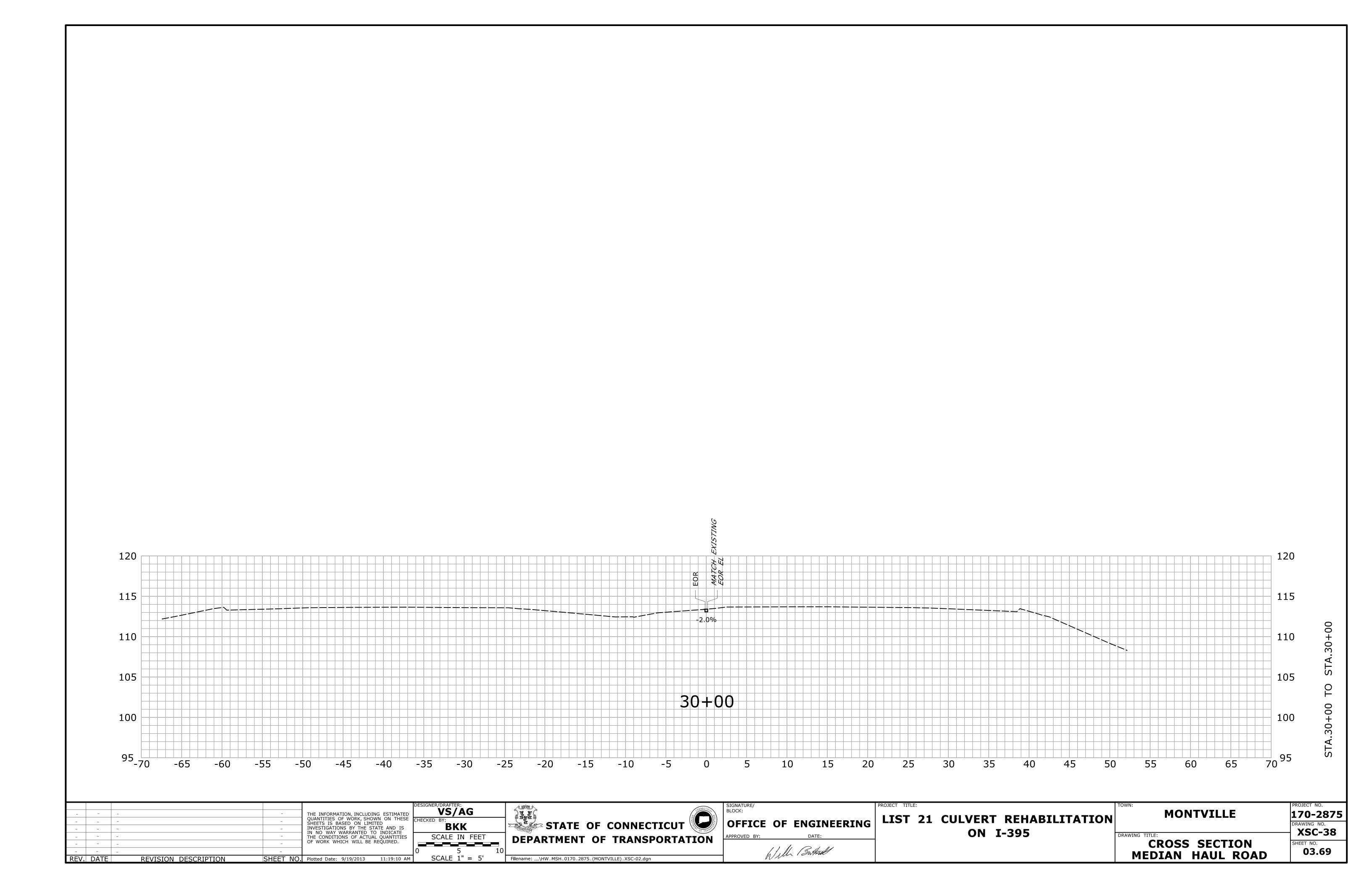


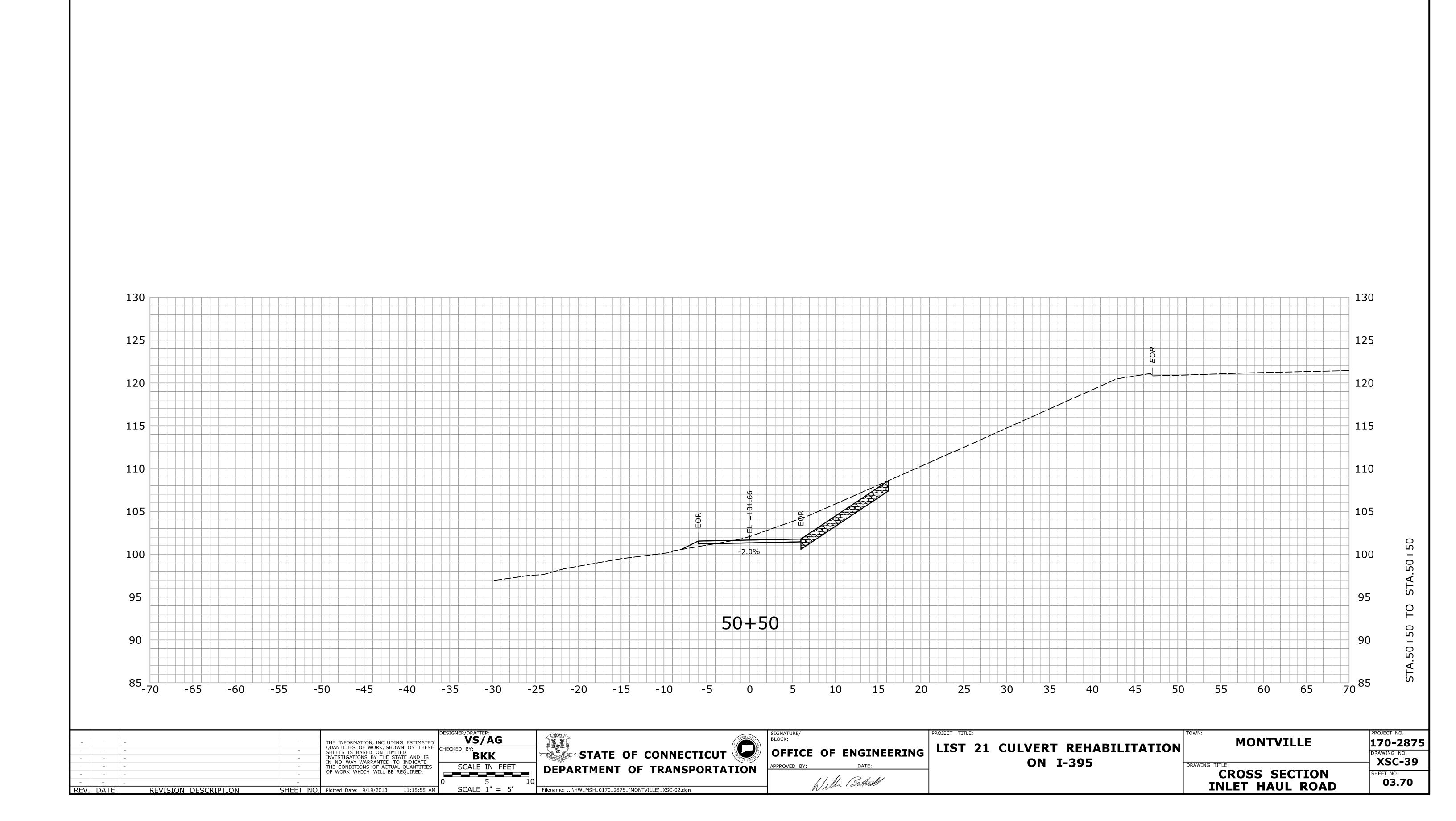


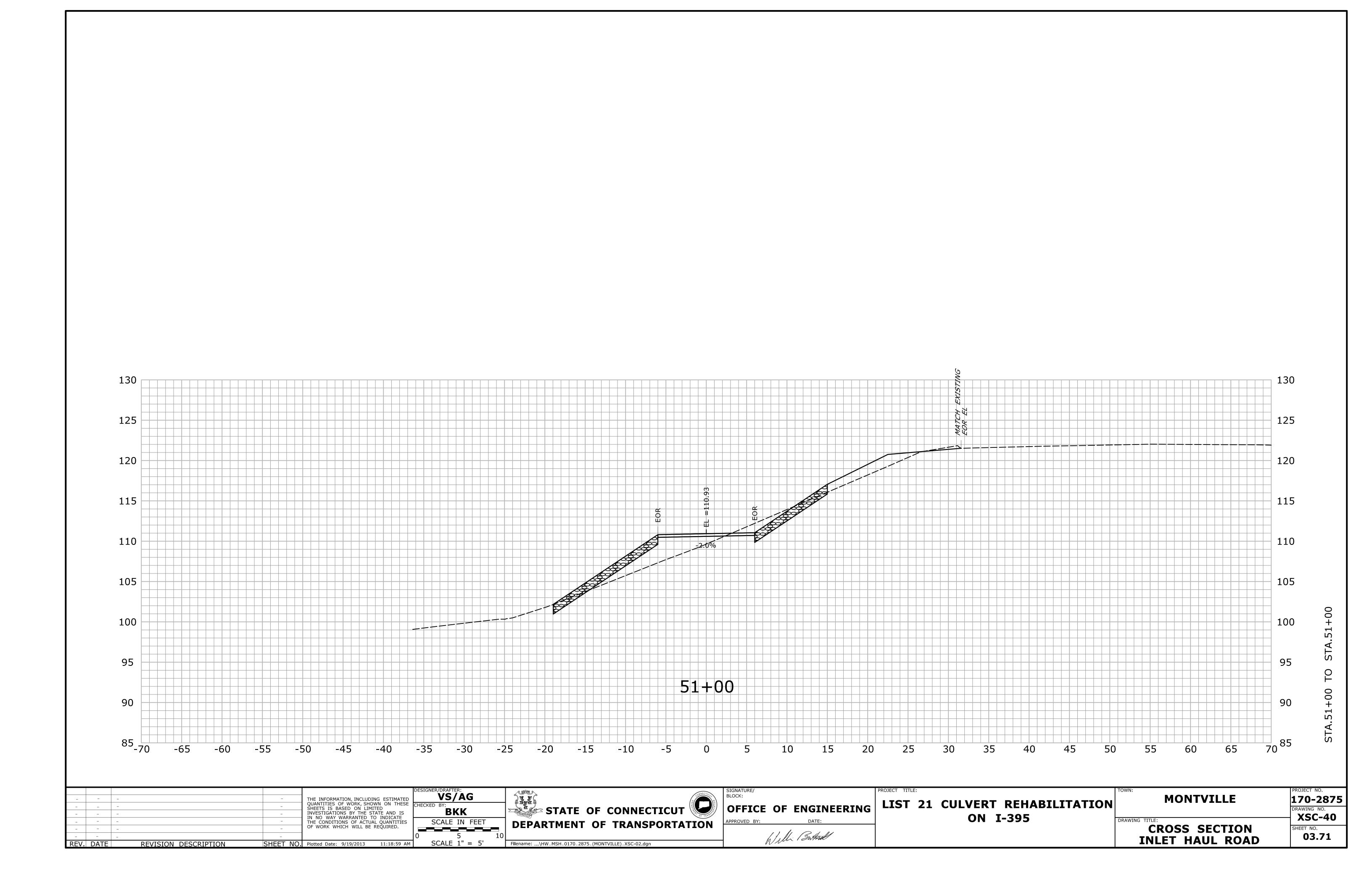


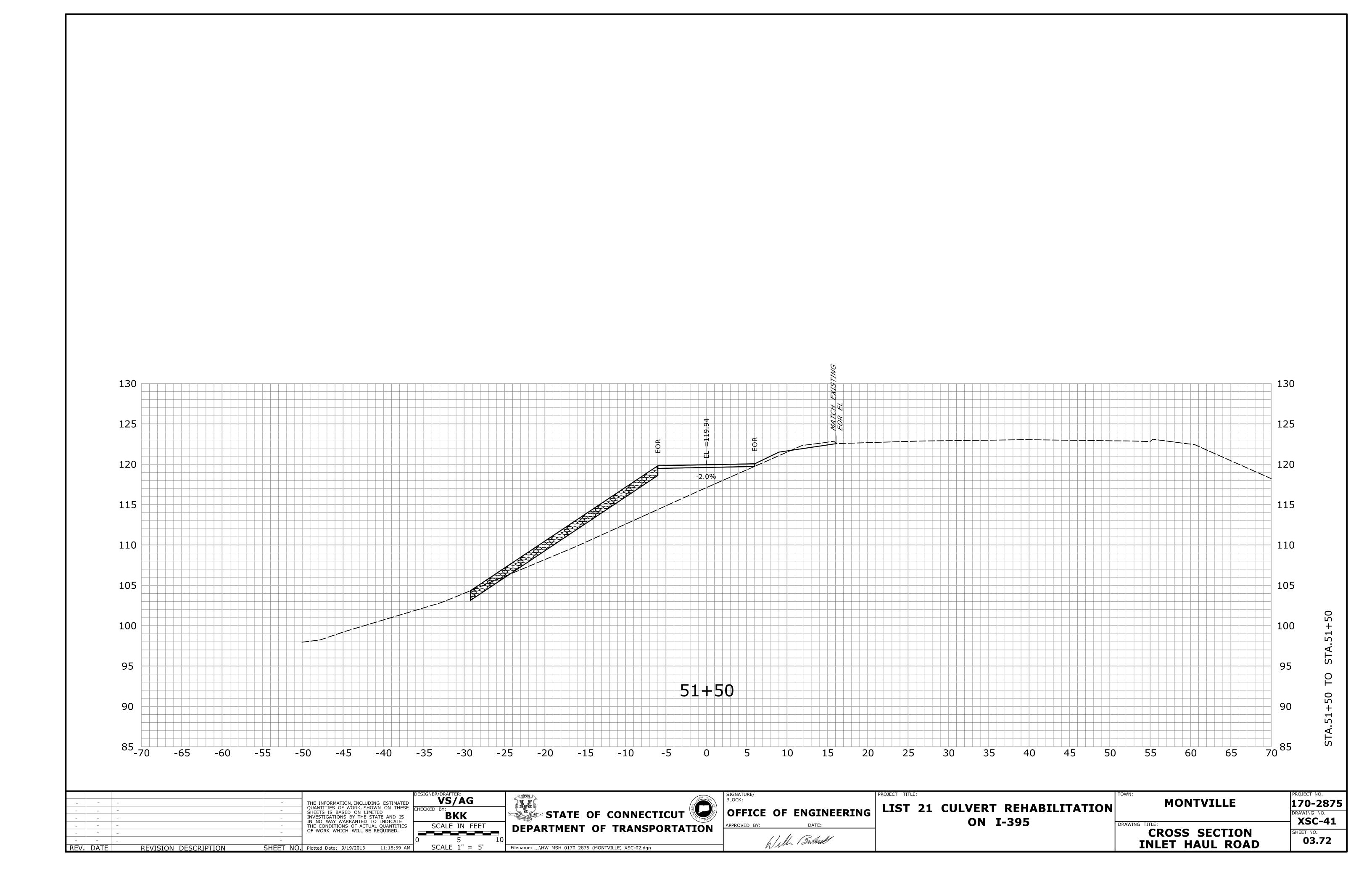


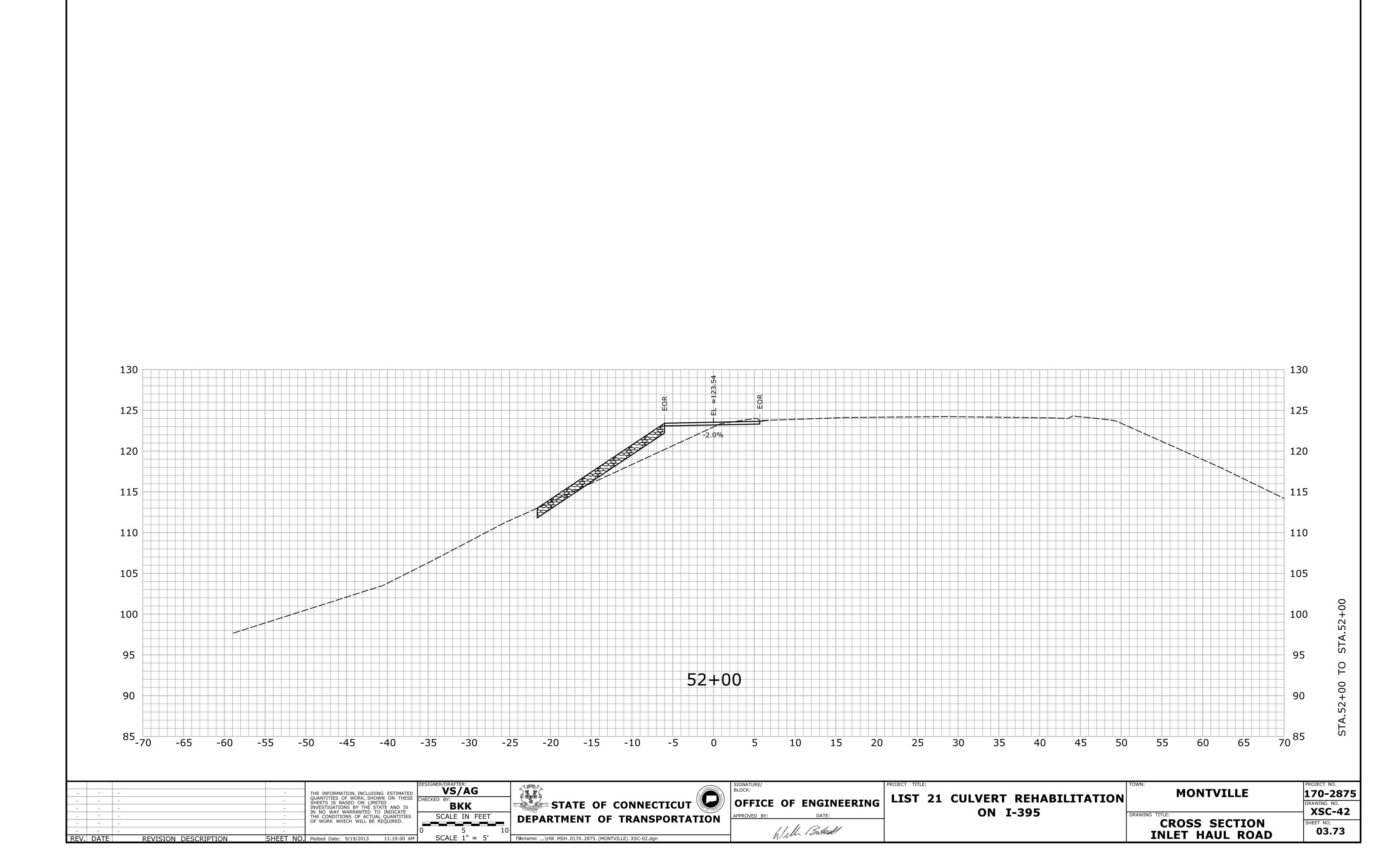


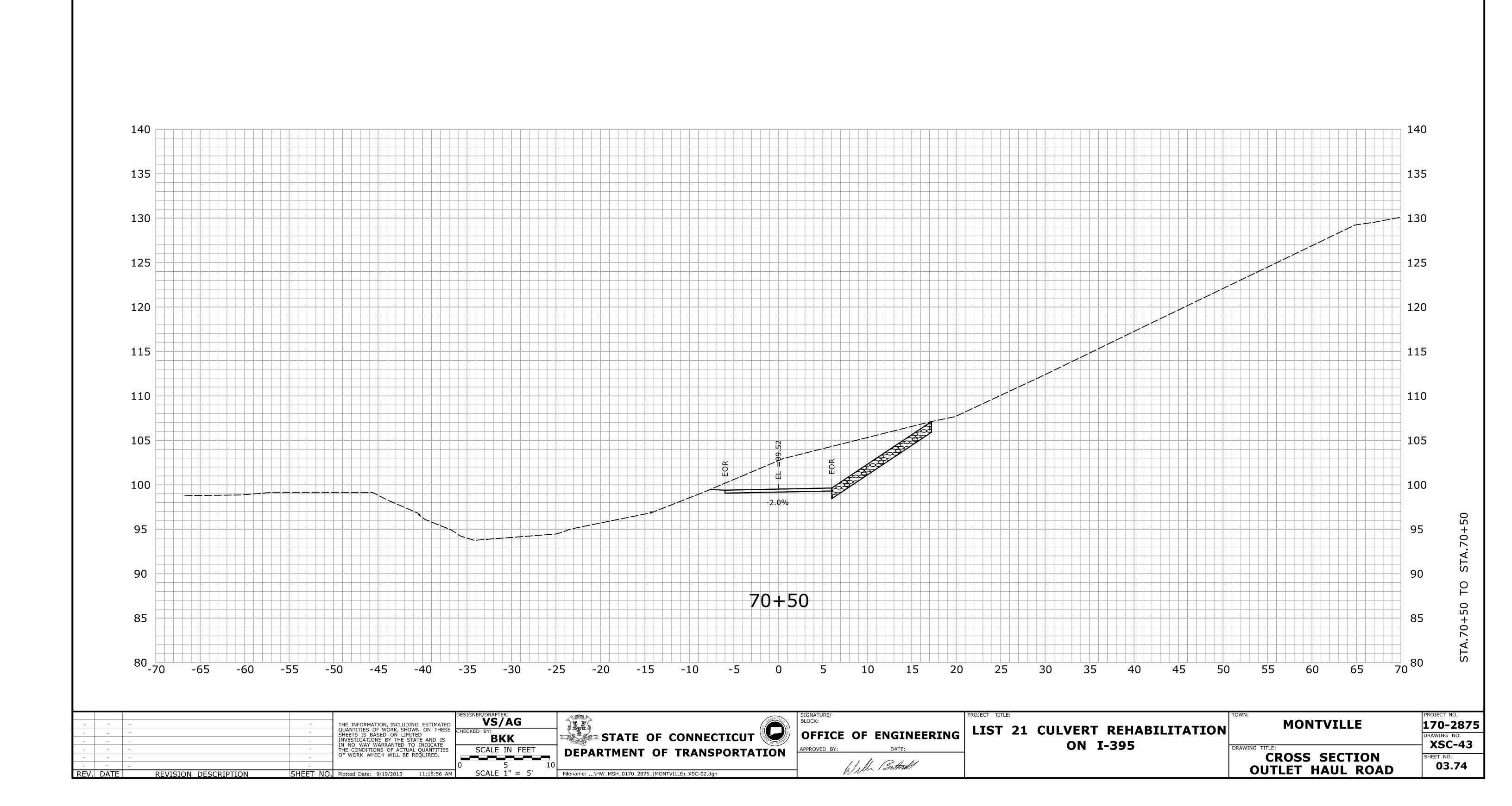


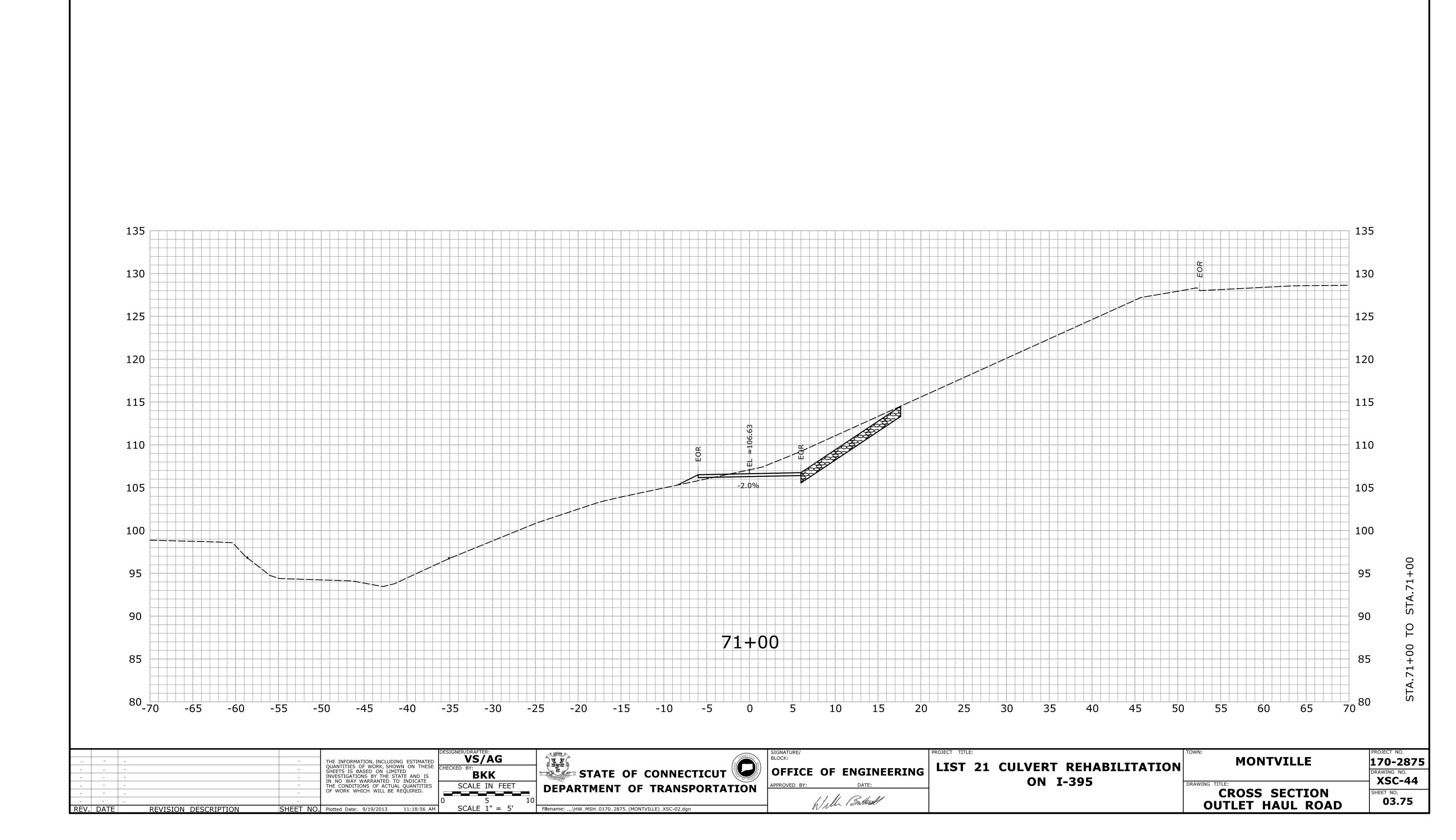


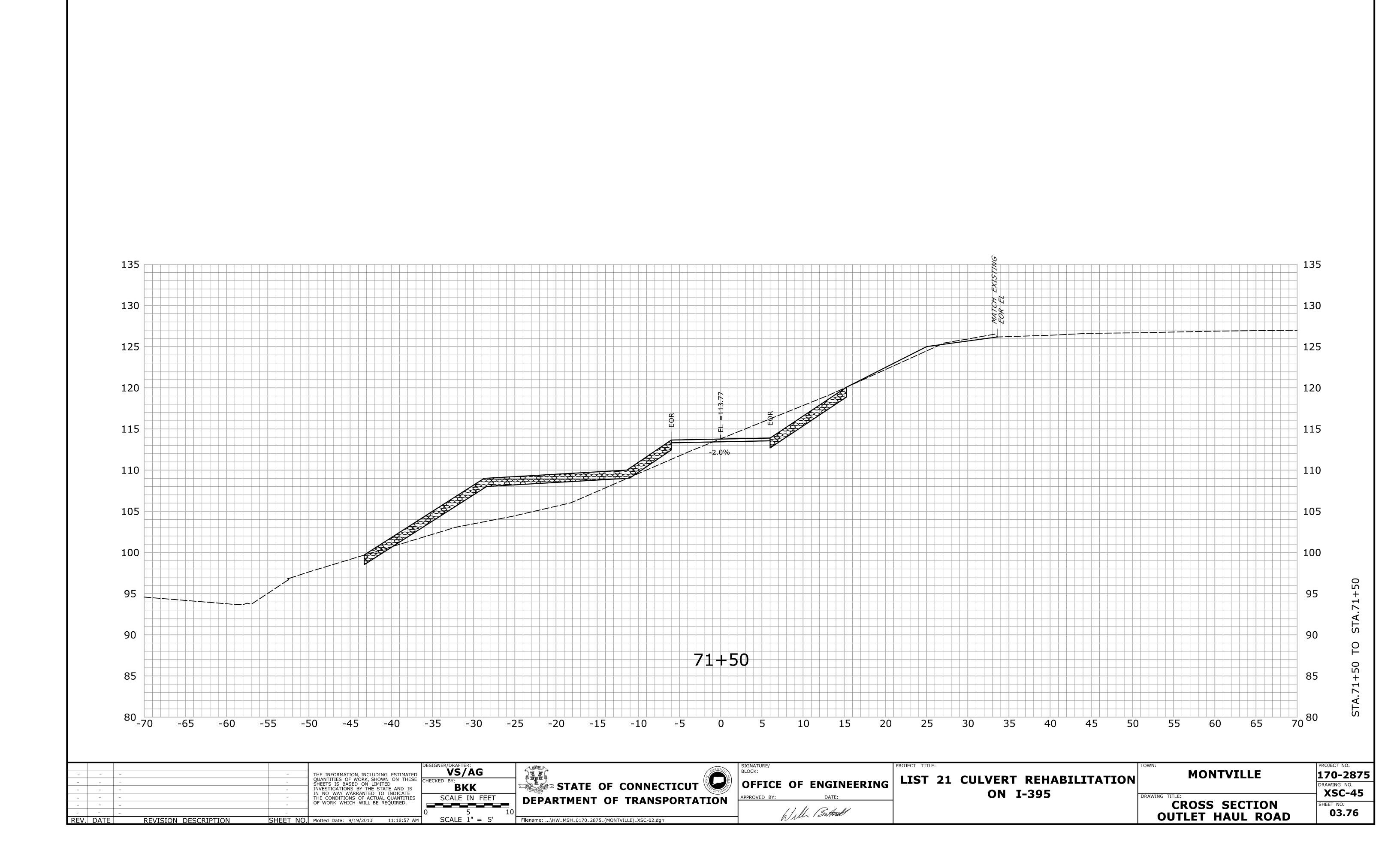


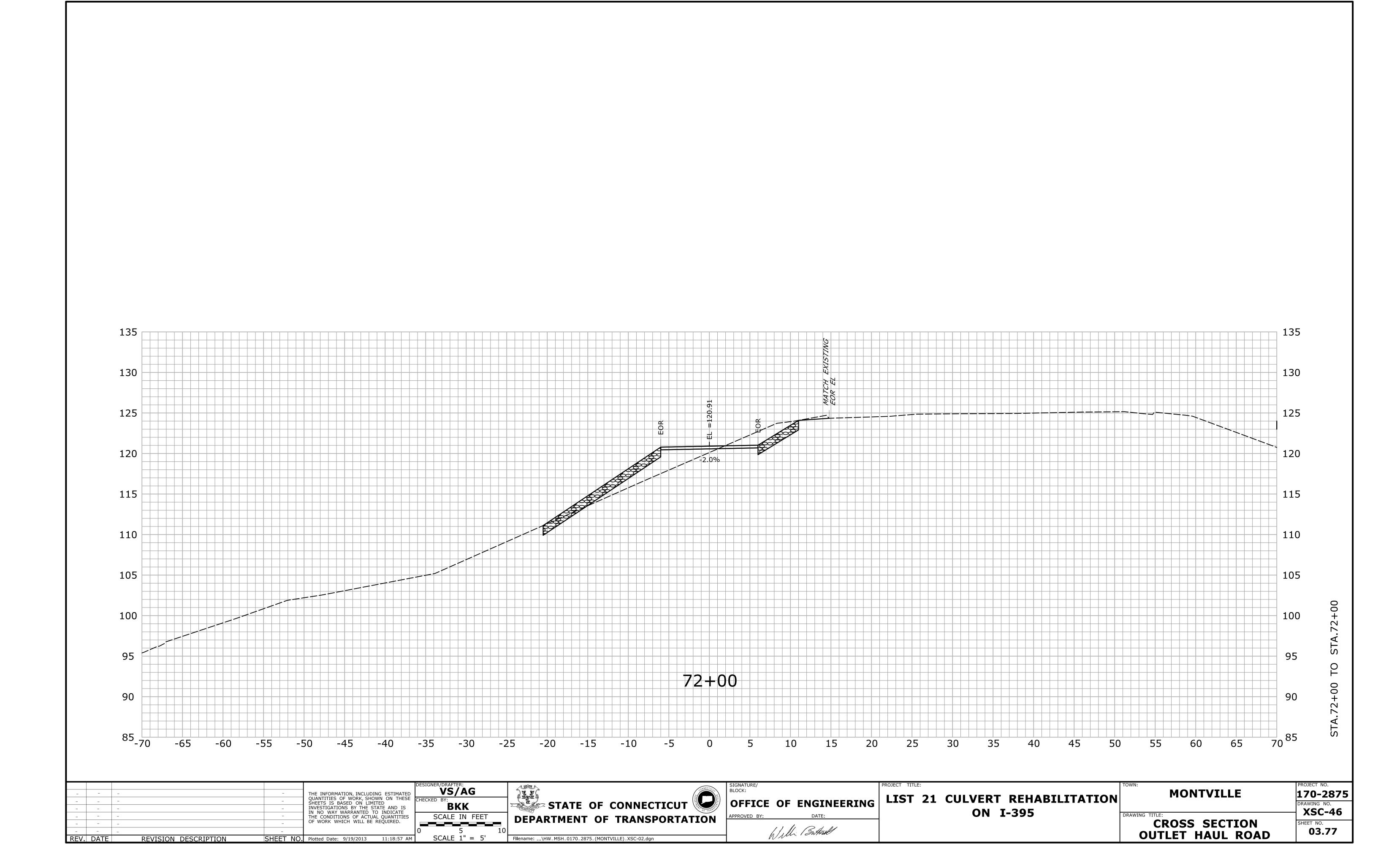


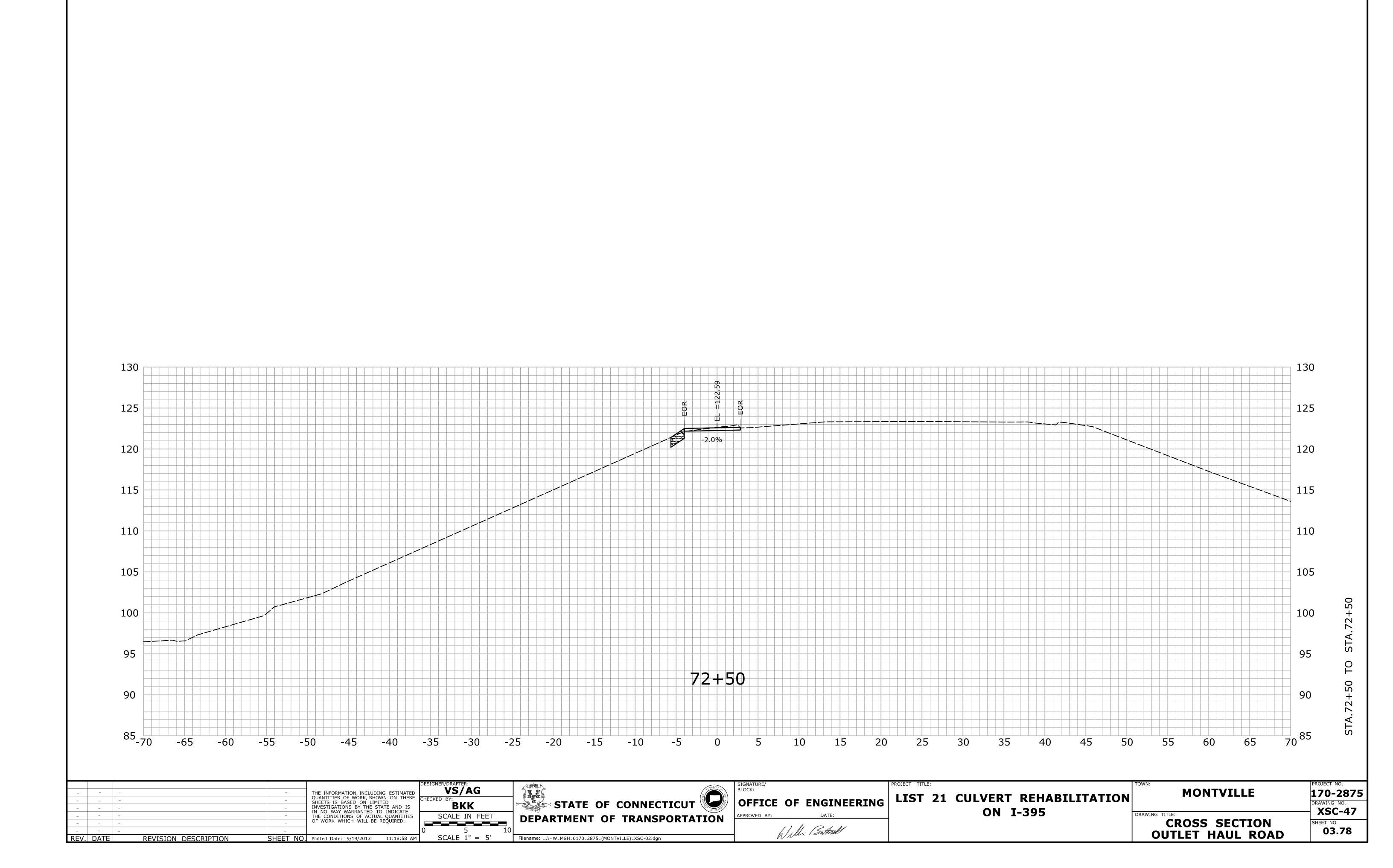








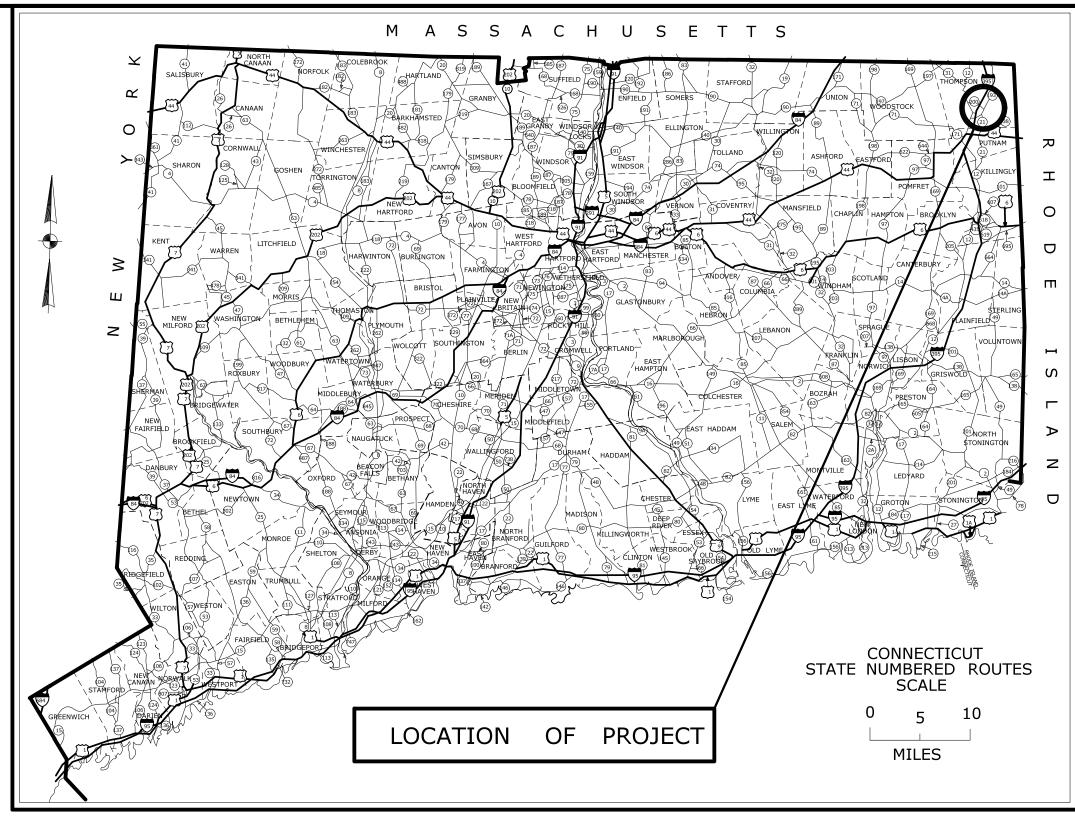




GENERAL NOTES:

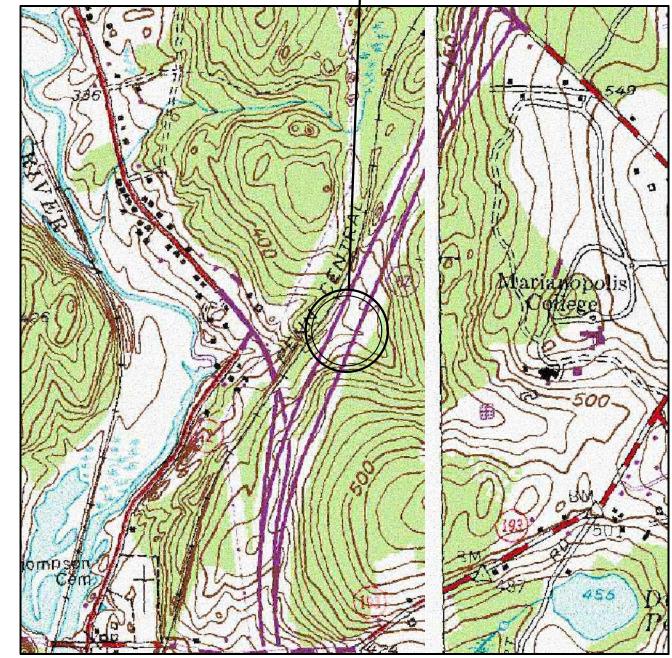
- 1. THESE PLANS ARE INTENDED ONLY FOR EROSION AND SEDIMENTATION CONTROL PURPOSES. FOR ALL OTHER PLANIMETRIC INFORMATION REFER TO THE CONSTRUCTION, GEOMETRY, AND DRAINAGE PLANS.
- 2. THE CONTRACTOR SHALL PREPARE EROSION AND SEDIMENTATION CONTROL PLANS BASED ON THESE CONTRACT DRAWINGS, IN ACCORDANCE WITH SECTION 1.10 ENVIRONMENTAL COMPLIANCE, INCLUDING BEST MANAGEMENT PRACTICES. AS SPECIFIED, THE PLANS SHALL BE CONSISTENT IN ALL RESPECTS WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND WITH CTDOT'S ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES.
- 3. IN ALL CASES, THE CONTRACTOR SHALL IMPLEMENT STABILIZATION MEASURES AS SOON AS POSSIBLE AFTER ANY SOIL DISTURBANCE. WHERE CONSTRUCTION ACTIVITIES HAVE BEEN PERMANENTLY CEASED OR HAVE TEMPORARILY BEEN SUSPENDED FOR MORE THAN SEVEN DAYS, OR WHEN FINAL GRADES ARE REACHED IN ANY PORTION OF THE SITE, STABILIZATION PRACTICES SHALL BE IMPLEMENTED WITHIN THREE DAYS. TEMPORARY STABILIZATION MEASURES MAY INCLUDE MULCHING AND TRACKING AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "TEMPORARY SEEDING". AREAS THAT WILL REMAIN DISTURBED BUT INACTIVE FOR 30 DAYS OR MORE SHALL BE STABILIZED WITHIN THE FIRST SEVEN DAYS OF THAT PERIOD, THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH THE REQUIREMENTS OF SECTION 1.10.
- 4. ALL EXISTING AND PROPOSED DRAINAGE PIPES, CATCH BASINS, AND MANHOLES CARRYING DRAINAGE FROM WITHIN THE PROJECT LIMITS SHALL BE CLEANED IN ACCORDANCE WITH SECTION 6.53.
- 5. A MINIMUM OF 6", AFTER TAMPING, OF TOPSOIL SHALL BE PLACED TO FINISHED GRADE IN ALL AREAS OF TURF ESTABLISHMENT, IN ACCORDANCE WITH SECTION 9.44. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "FURNISHING AND PLACING TOPSOIL".
- 6. FOR A DESCRIPTION OF THE WATERCOURSES, WETLANDS AND WETLAND SOILS SEE RELEVANT SECTIONS OF THE PERMIT APPLICATION

ENVIRONMENTAL PERMIT PLANS
STATE PROJECT NO. 170-2875
LIST 21 CULVERT REHABILITATION
I-395 OVER STRUCTURE NO. 06703
AND STRUCTURE NO. 06704
TOWN OF THOMPSON

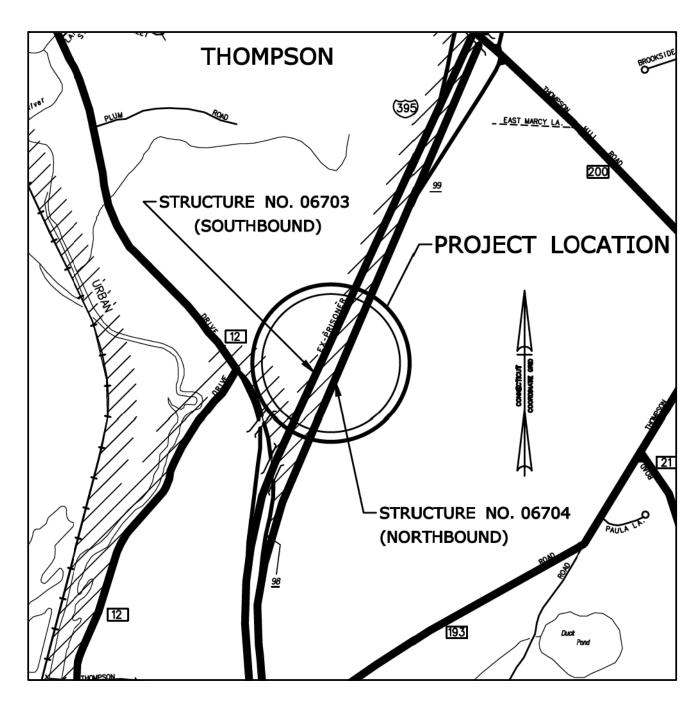


ALL ELEVATIONS ON THIS PROJECT BASED ON NGVD OF 1929 COORDINATES BASED ON CONNECTICUT COORDINATE SYSTEM NAD 1983

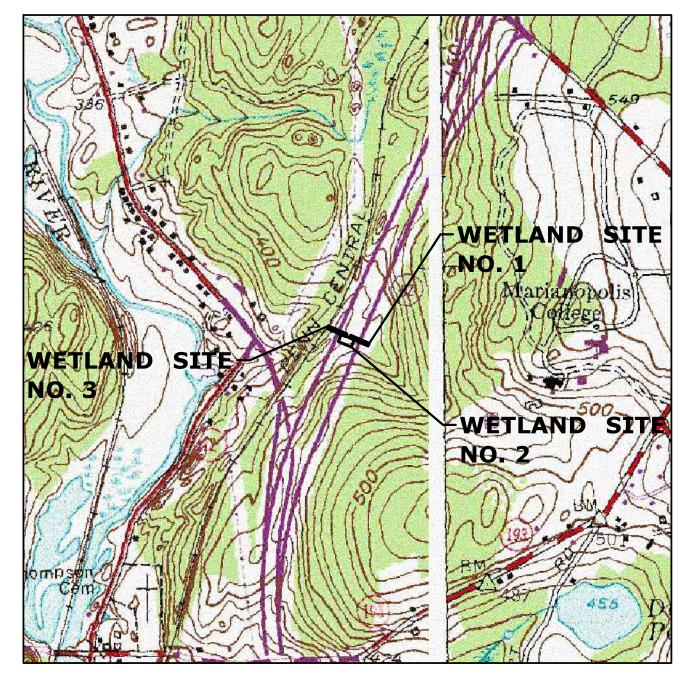
PROJECT LOCATION



USGS QUADRANGLE TOPOGRAPHIC MAP
USGS QUAD MAP 28 & 29
PUTNAM (LEFT) & THOMPSON (RIGHT) QUADRANGLE
7.5 MINUTE SERIES
SCALE 1" = 1000'



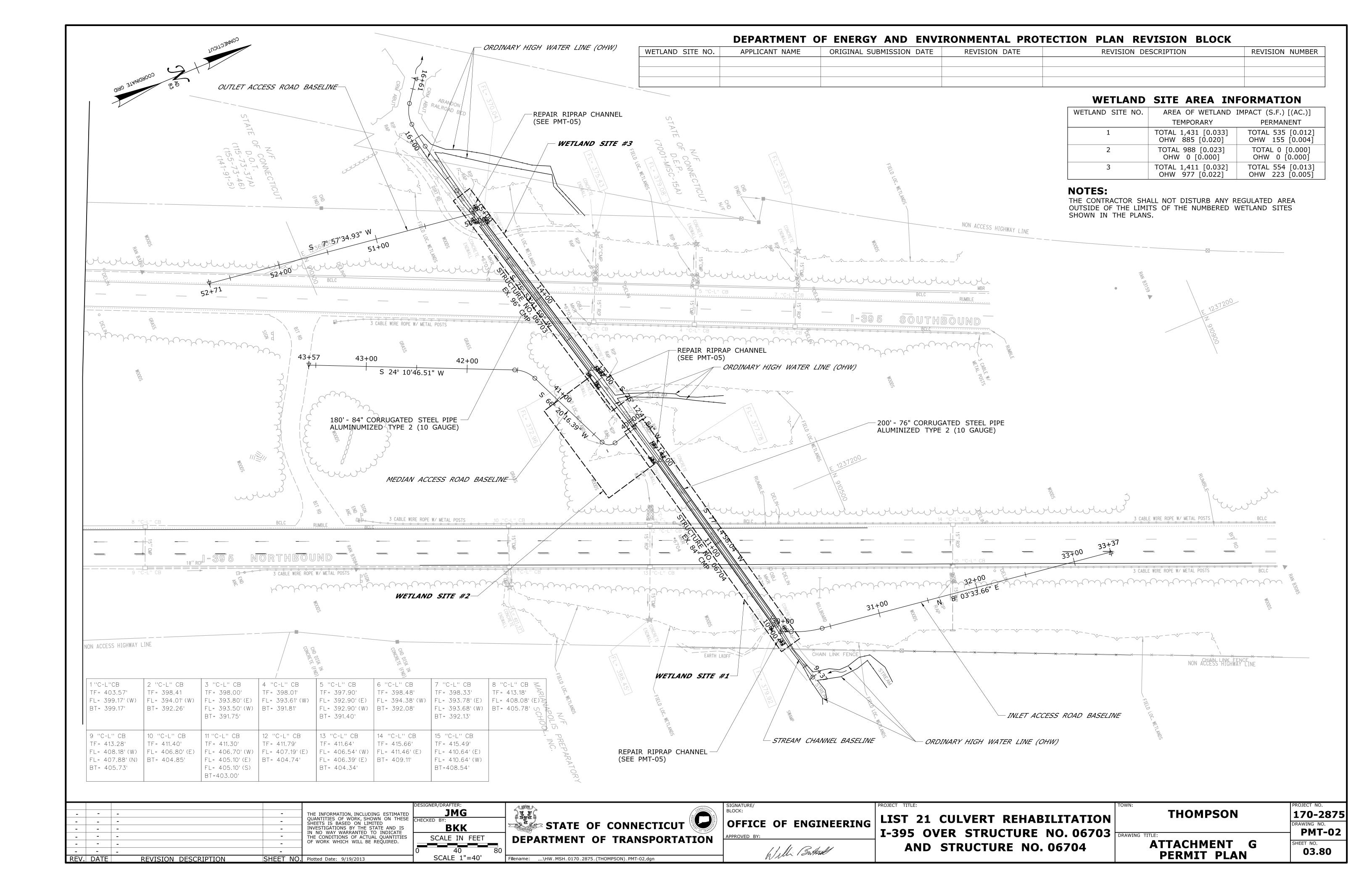
LOCATION MAP SCALE 1" = 1000'

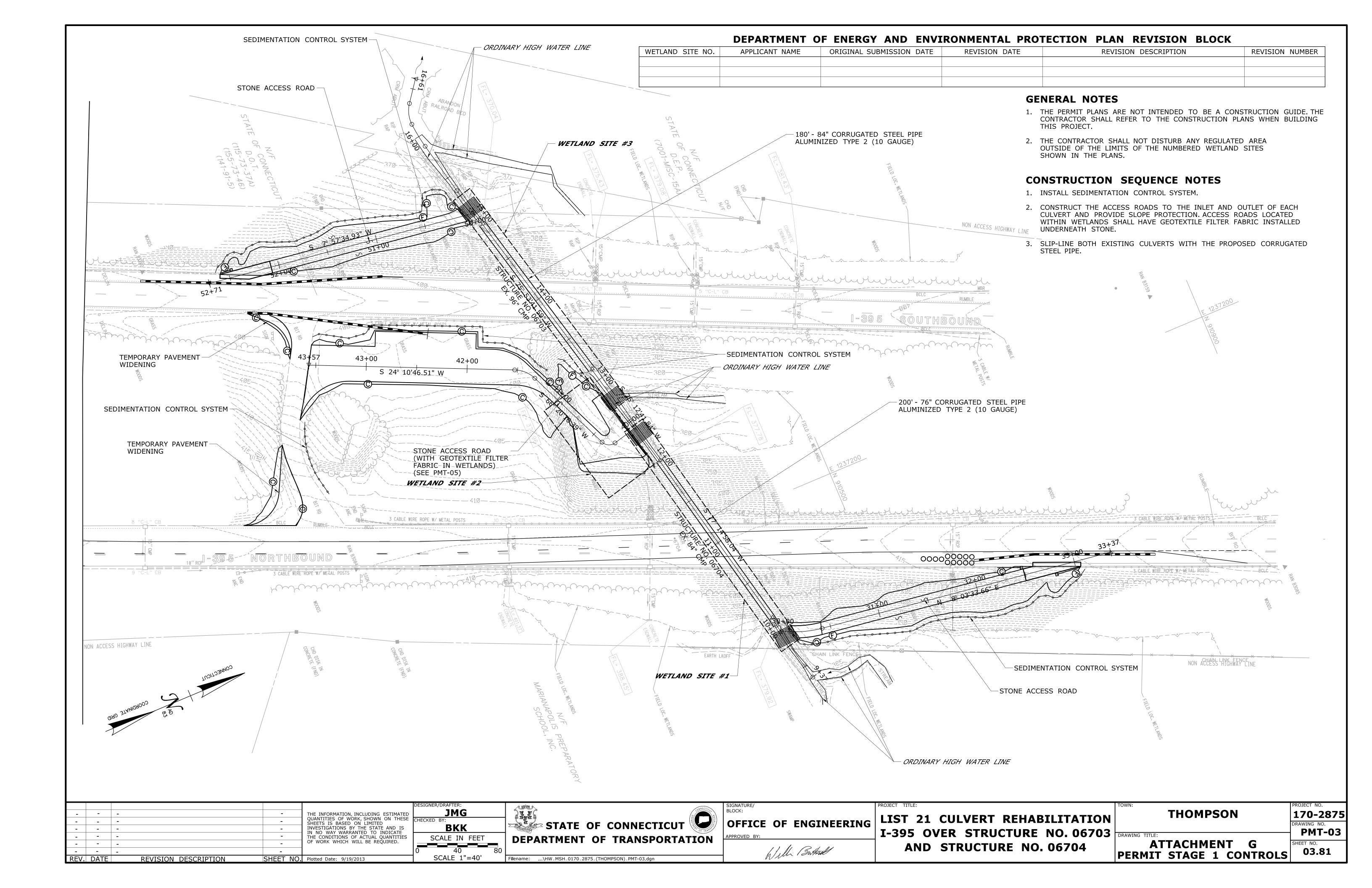


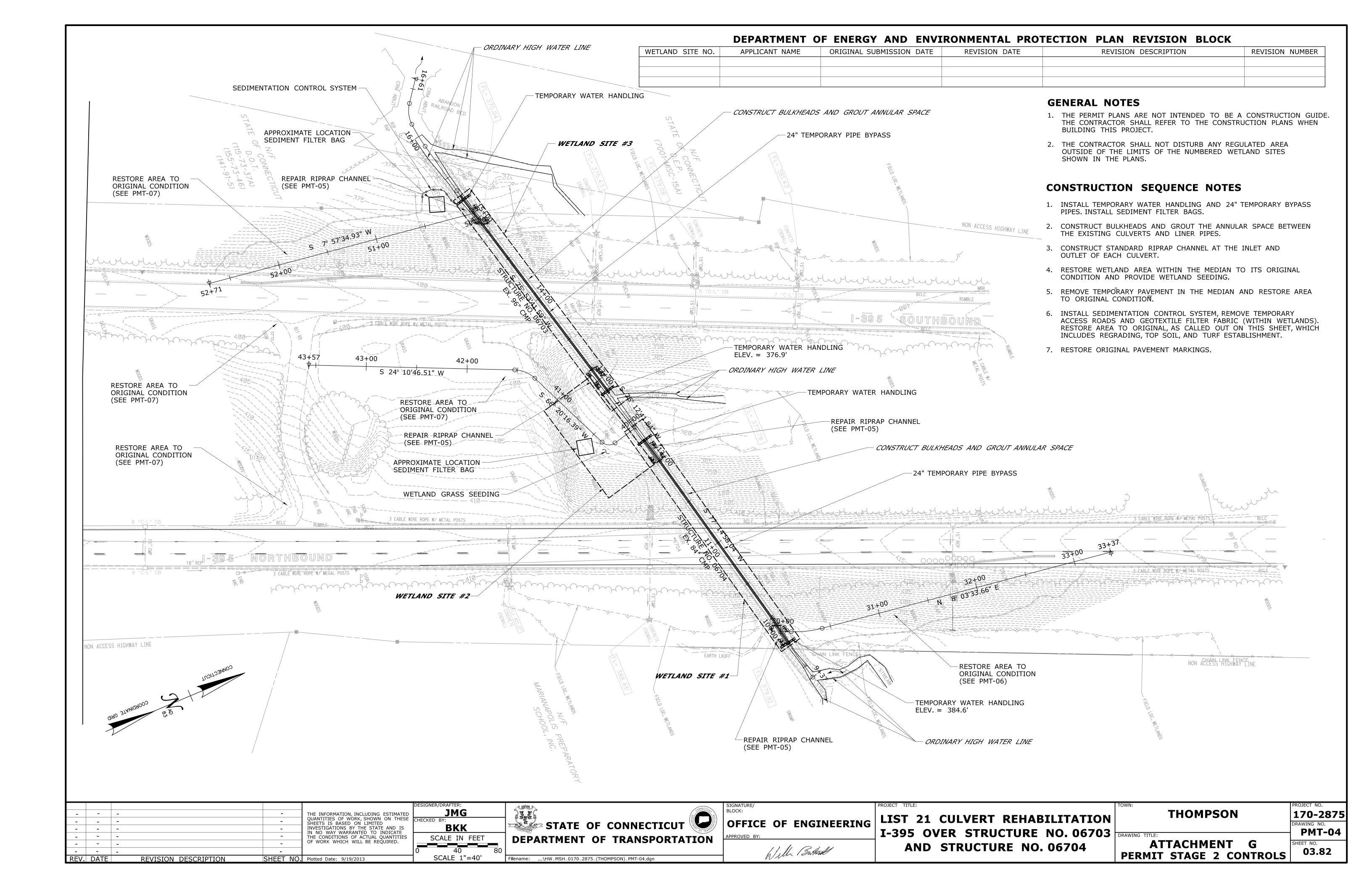
INDEX SHEET OF WETLAND SITES SCALE 1" = 1000'

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION PLAN REVISION BLOCK

WETLAND SITE NO.	APPLICANT NAME	ORIGINAL SUBMISSION DATE REVI	ISION DATE	REVISION DESCRIPTION	REVISION NUMBER				
		THE INFORMATION, INCLUDING ESTIMATE QUANTITIES OF WORK, SHOWN ON THES SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS	DESIGNER/DRAFTER: DED SE CHECKED BY: BKK	STATE OF CONNEC	SIGNATUR BLOCK: OFF	ICE OF ENGINEERING	LIST 21 CULVERT REHABILITATION	THOMPSON	PROJECT NO. 170-2875 DRAWING NO.
 		- INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.	SCALE AS NOTED	DEPARTMENT OF TRANS	OF TRAM	b BY:	I-395 OVER STRUCTURE NO. 06703 AND STRUCTURE NO. 06704	ATTACHMENT G	PMT-01 SHEET NO. 03.79
REV DATE DEVIS	ISION DESCRIPTION	SHEET NO Plotted Date: 9/19/2013		Filename: \HW MSH 0170 2875 (THOMPSON) PMT-01 c	dan	Mul Sural		PERMIT TITLE SHEET	05.75







DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION PLAN REVISION BLOCK WETLAND SITE NO. APPLICANT NAME ORIGINAL SUBMISSION DATE REVISION DATE REVISION DESCRIPTION REVISION NUMBER 5.5' OR AS 5.5' OR AS 5.5' OR AS 5.5' OR AS 4.0' (MIN) 4.0' (MIN) DIRECTED BY DIRECTED BY DIRECTED BY DIRECTED BY THE ENGINEER THE ENGINEER THE ENGINEER THE ENGINEER EXISTING SURFACE-EXISTING SURFACE-- 2H:1V SIDE SLOPES (TYPICAL) OR AS DIRECTED BY THE ENGINEER -2H:1V SIDE SLOPES (TYPICAL) OR ORDINARY HIGH AS DIRECTED BY THE ENGINEER EXISTING -EXISTING -WATER LINE 84" CMP 96" CMP - ORDINARY HIGH WATER LINE 84" ALUMINIZED STEEL PIPE 76" ALUMINIZED STEEL PIPE 3.0' (TYP.) 3.0' (TYP.) STANDARD RIPRAP STANDARD RIPRAP 1.0' (TYP.) 1.0' (TYP.) GRANULAR FILL GRANULAR FILL EXISTING CUTOFF WALL EXISTING CUTOFF WALL REPAIR RIPRAP CHANNEL REPAIR RIPRAP CHANNEL (STRUCTURE NO. 06704 INLET & OUTLET) (STRUCTURE NO. 06703 INLET & OUTLET) 12' - 15' 6" - STONE GEOTEXTILE FILTER FABRIC (ONLY WITHIN WETLANDS) STONE ACCESS ROAD **GENERAL NOTES** FOR INSTALLATION WITHIN WETLANDS: 1. EXCAVATE APPROXIMATELY 24" OF SOIL. 2. INSTALL GEOTEXTILE FILTER FABRIC. 3. INSTALL 6" OF STONE ON TOP OF GEOTEXTILE FILTER FABRIC. FOR REMOVAL WITHIN WETLANDS: 1. REMOVE 6" OF STONE AND THE GEOTEXTILE FILTER FABRIC. RESTORE WETLAND AREA TO ORIGINAL CONDITION, WHICH INCLUDES REGRADING, TOP SOIL, AND TURF ESTABLISHMENT. STATE OF CONNECTICUT

OFFICE OF ENGINEERING

Will Butsell

THOMPSON

ATTACHMENT G

DETAIL/ELEVATION VIEW

LIST 21 CULVERT REHABILITATION

AND STRUCTURE NO. 06704

I-395 OVER STRUCTURE NO. 06703 DRAWING TITLE:

170-2875

PMT-05

03.83

JMG

NOT TO SCALE

DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0170_2875_(THOMPSON)_PMT-05.dgn

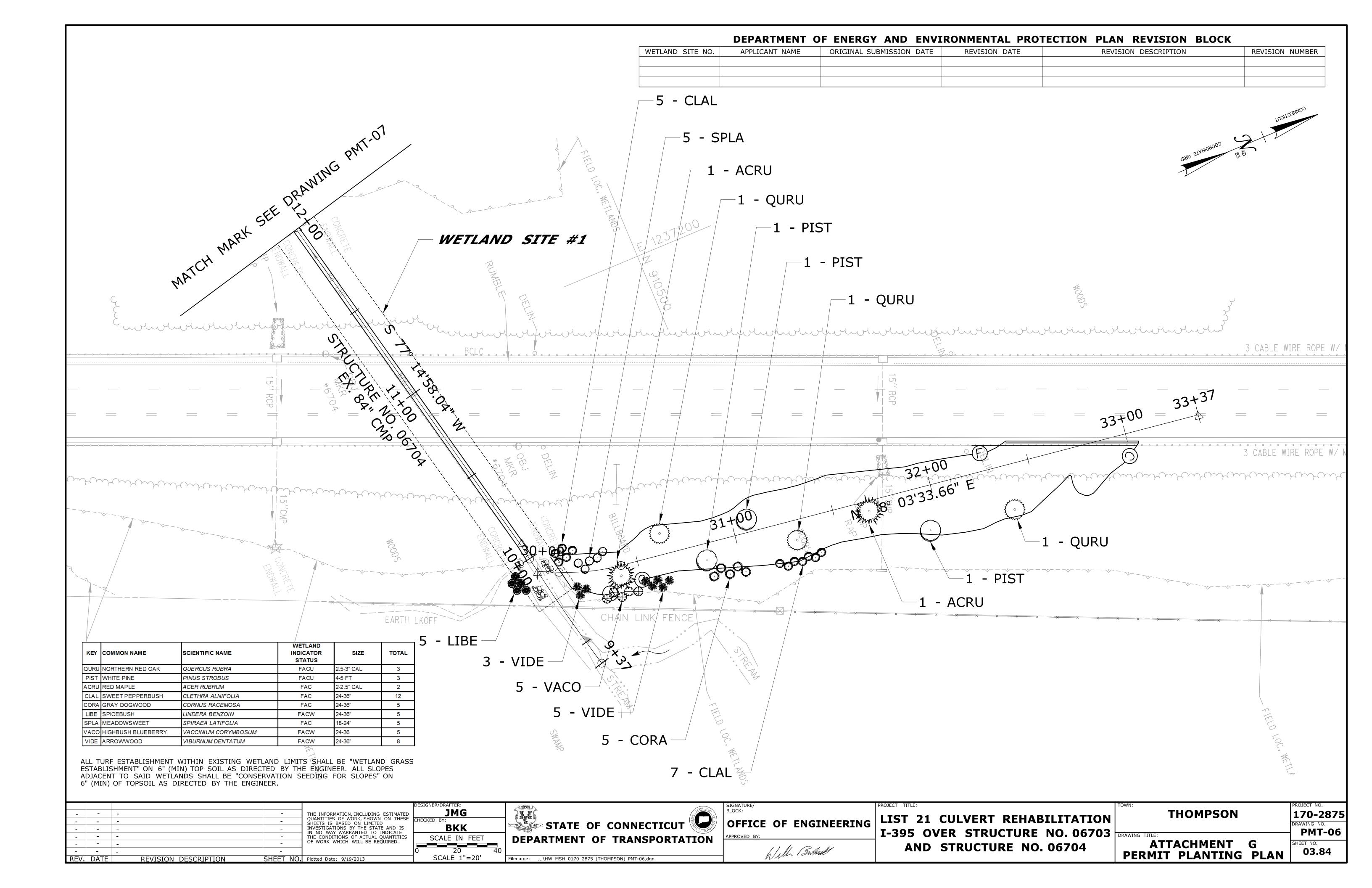
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

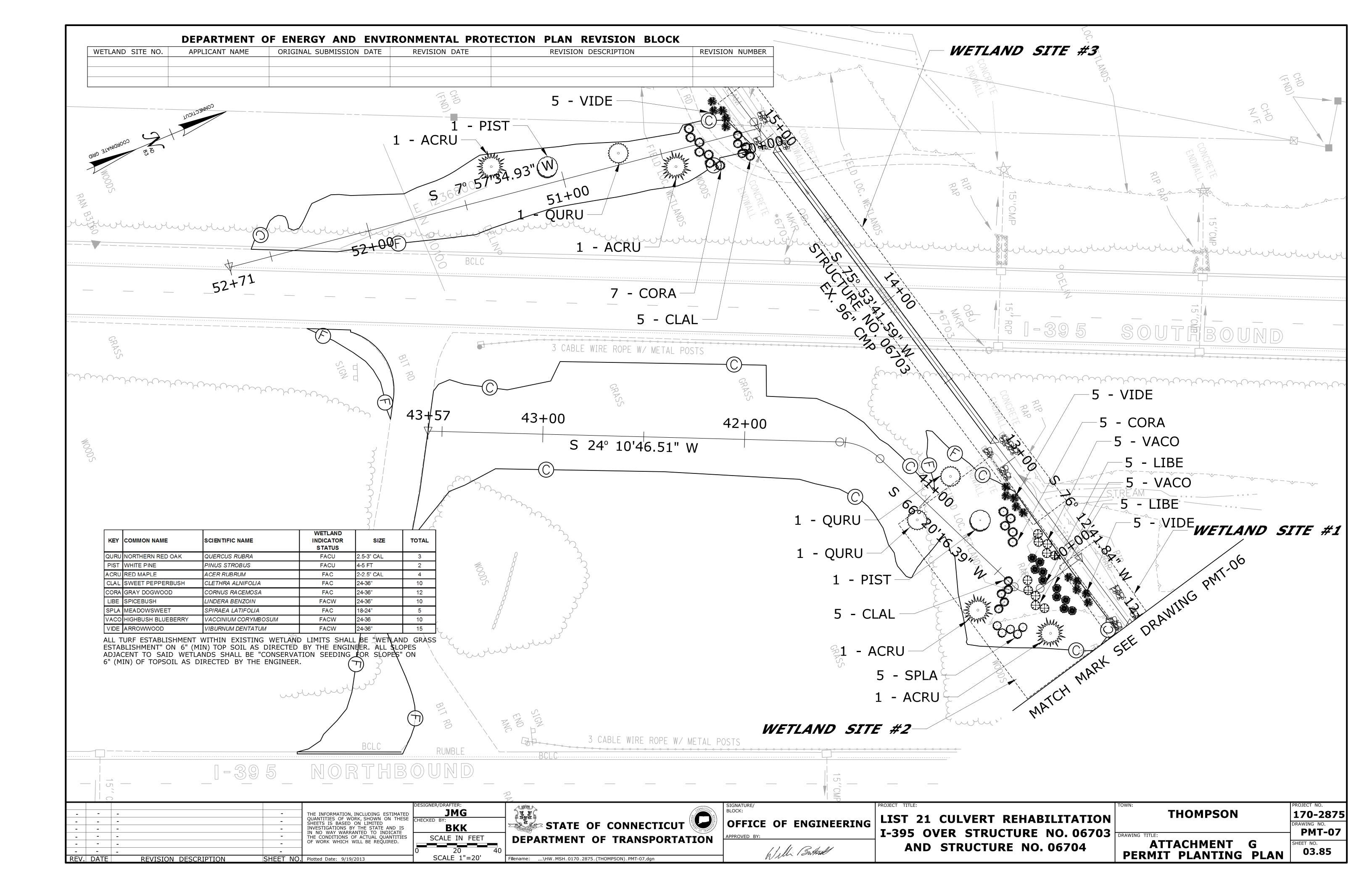
SHEET NO. Plotted Date: 9/19/2013

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REV. DATE

REVISION DESCRIPTION

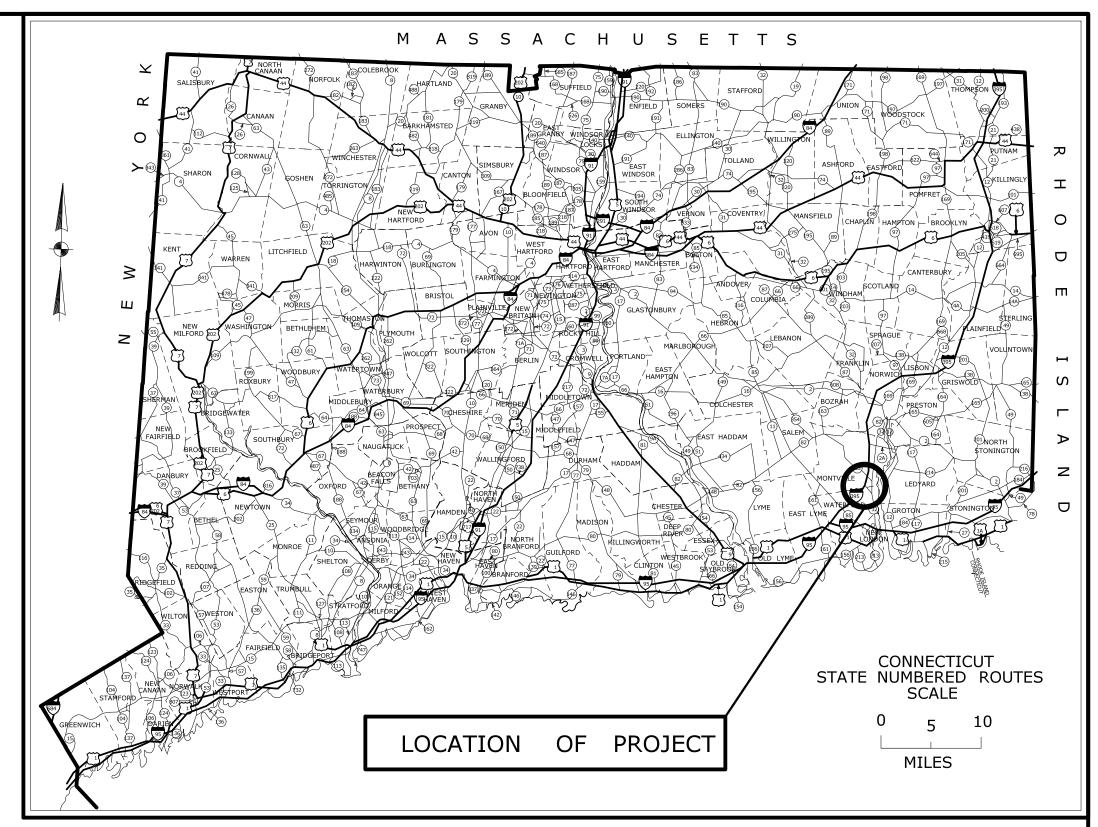




GENERAL NOTES:

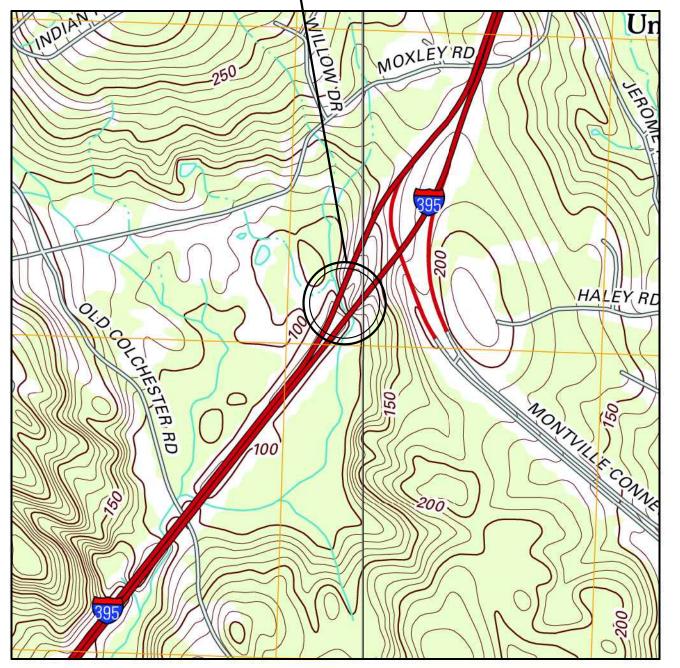
- 1. THESE PLANS ARE FOR ENVIRONMENTAL PERMITTING PURPOSES. THE INTENT IS TO SHOW PROCEDURES, DIMENSIONS AND PROCESSES FOR THE PROTECTION OF ENVIRONMENTAL AREAS. FOR ALL OTHER CONSTRUCTION INFORMATION, INCLUDING INFORMATION RELATED TO PAYMENT, REFER TO THE CONSTRUCTION PLANS, STANDARD DRAWINGS AND SPECIFICATIONS. IF THERE ARE CONFLICTS BETWEEN THESE PERMIT PLANS AND THE CONSTRUCTION PLANS IN THE REGULATED AREAS, THE PERMIT PLANS SHALL GOVERN.
- 2. THE CONTRACTOR SHALL PREPARE EROSION AND SEDIMENTATION CONTROL PLANS BASED ON THESE CONTRACT DRAWINGS, IN ACCORDANCE WITH SECTION 1.10 ENVIRONMENTAL COMPLIANCE, INCLUDING BEST MANAGEMENT PRACTICES. AS SPECIFIED, THE PLANS SHALL BE CONSISTENT IN ALL RESPECTS WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND WITH CTDOT'S ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES.
- 3. IN ALL CASES, THE CONTRACTOR SHALL IMPLEMENT STABILIZATION MEASURES AS SOON AS POSSIBLE AFTER ANY SOIL DISTURBANCE. WHERE CONSTRUCTION ACTIVITIES HAVE BEEN PERMANENTLY CEASED OR HAVE TEMPORARILY BEEN SUSPENDED FOR MORE THAN SEVEN DAYS, OR WHEN FINAL GRADES ARE REACHED IN ANY PORTION OF THE SITE, STABILIZATION PRACTICES SHALL BE IMPLEMENTED WITHIN THREE DAYS. TEMPORARY STABILIZATION MEASURES MAY INCLUDE MULCHING AND TRACKING AND SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "TEMPORARY SEEDING". AREAS THAT WILL REMAIN DISTURBED BUT INACTIVE FOR 30 DAYS OR MORE SHALL BE STABILIZED WITHIN THE FIRST SEVEN DAYS OF THAT PERIOD, THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH THE REQUIREMENTS OF SECTION 1.10.
- 4. ALL EXISTING AND PROPOSED DRAINAGE PIPES, CATCH BASINS, AND MANHOLES CARRYING DRAINAGE FROM WITHIN THE PROJECT LIMITS SHALL BE CLEANED IN ACCORDANCE WITH SECTION 6.53.
- 5. A MINIMUM OF 6", AFTER TAMPING, OF TOPSOIL SHALL BE PLACED TO FINISHED GRADE IN ALL AREAS OF TURF ESTABLISHMENT, IN ACCORDANCE WITH SECTION 9.44. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "FURNISHING AND PLACING TOPSOIL".
- 6. FOR A DESCRIPTION OF THE WATERCOURSES, WETLANDS AND WETLAND SOILS SEE RELEVANT SECTIONS OF THE PERMIT APPLICATION

ENVIRONMENTAL PERMIT PLANS
STATE PROJECT NO. 170-2875
LIST 21 CULVERT REHABILITATION
I-395 OVER STRUCTURE NO. 06731
AND STRUCTURE NO. 06732
TOWN OF MONTVILLE

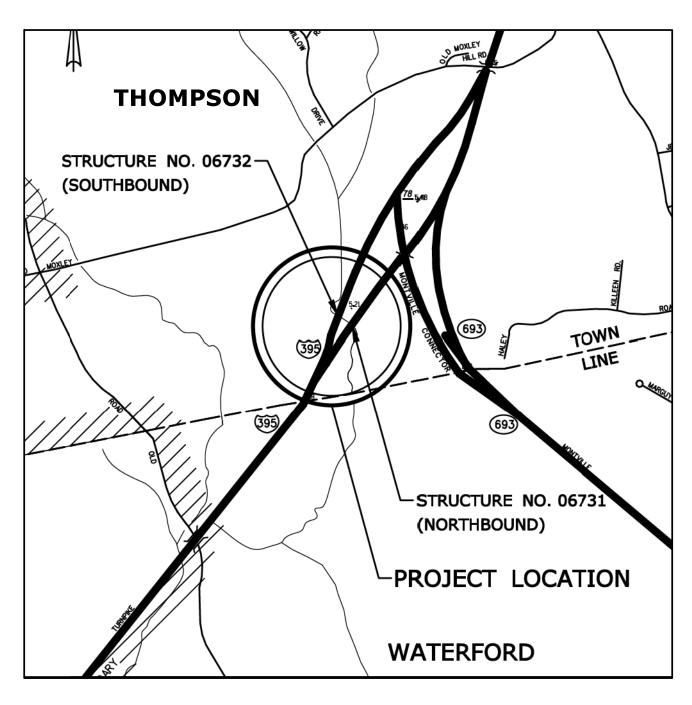


ALL ELEVATIONS ON THIS PROJECT BASED ON NGVD OF 1929
COORDINATES BASED ON CONNECTICUT COORDINATE SYSTEM NAD 1983

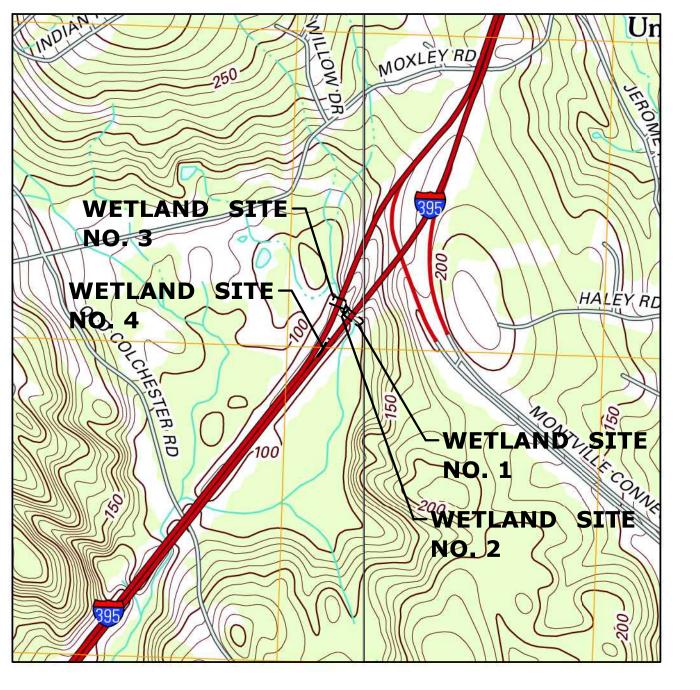
PROJECT LOCATION-



USGS QUADRANGLE TOPOGRAPHIC MAP
USGS QUAD MAP 86 & 87
MONTVILLE (LEFT) & UNCASVILLE (RIGHT)
QUADRANGLE 7.5 MINUTE SERIES
SCALE 1" = 1000'



LOCATION MAP SCALE 1" = 1000'

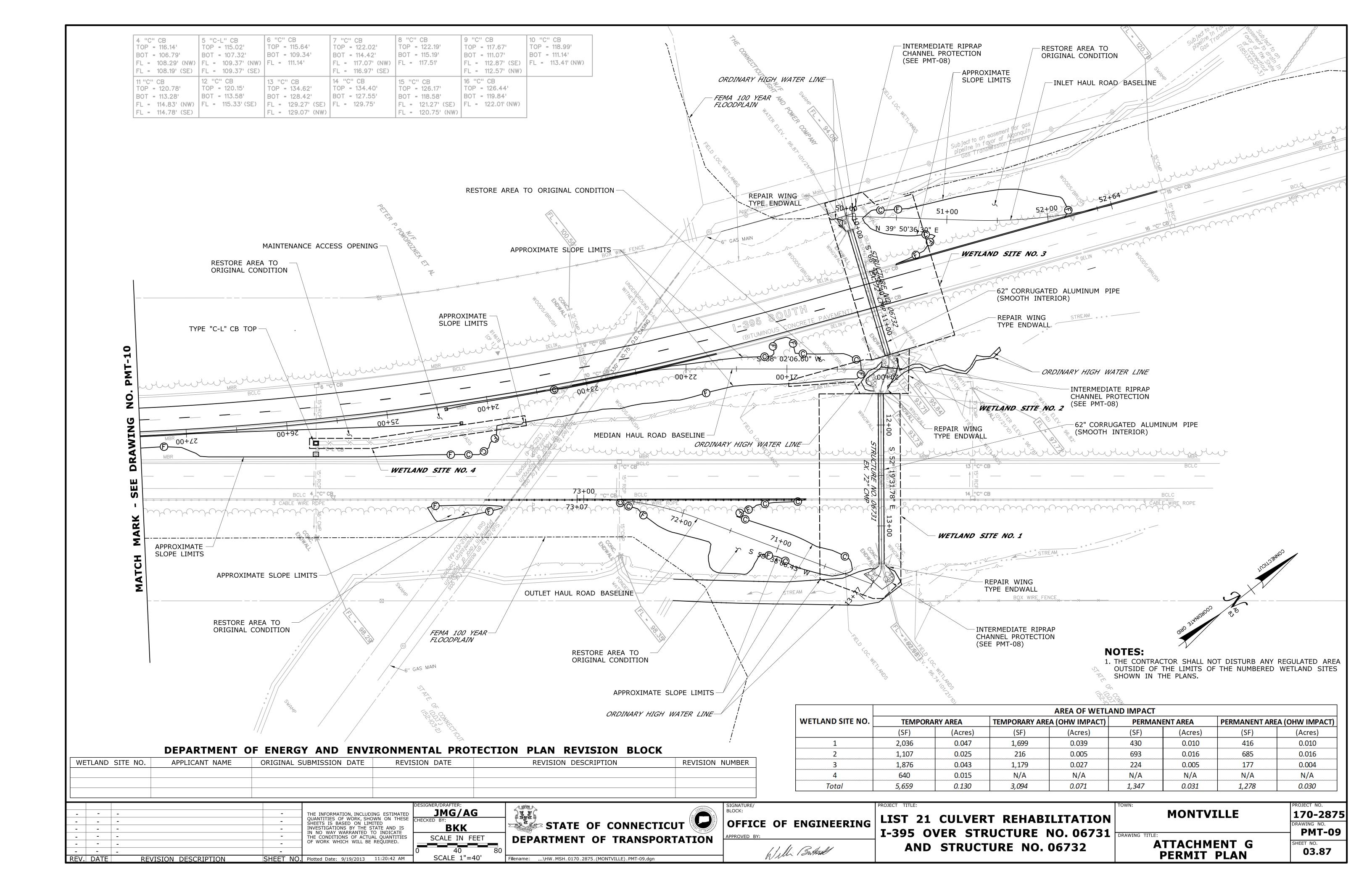


INDEX SHEET OF WETLAND SITES SCALE 1" = 1000'

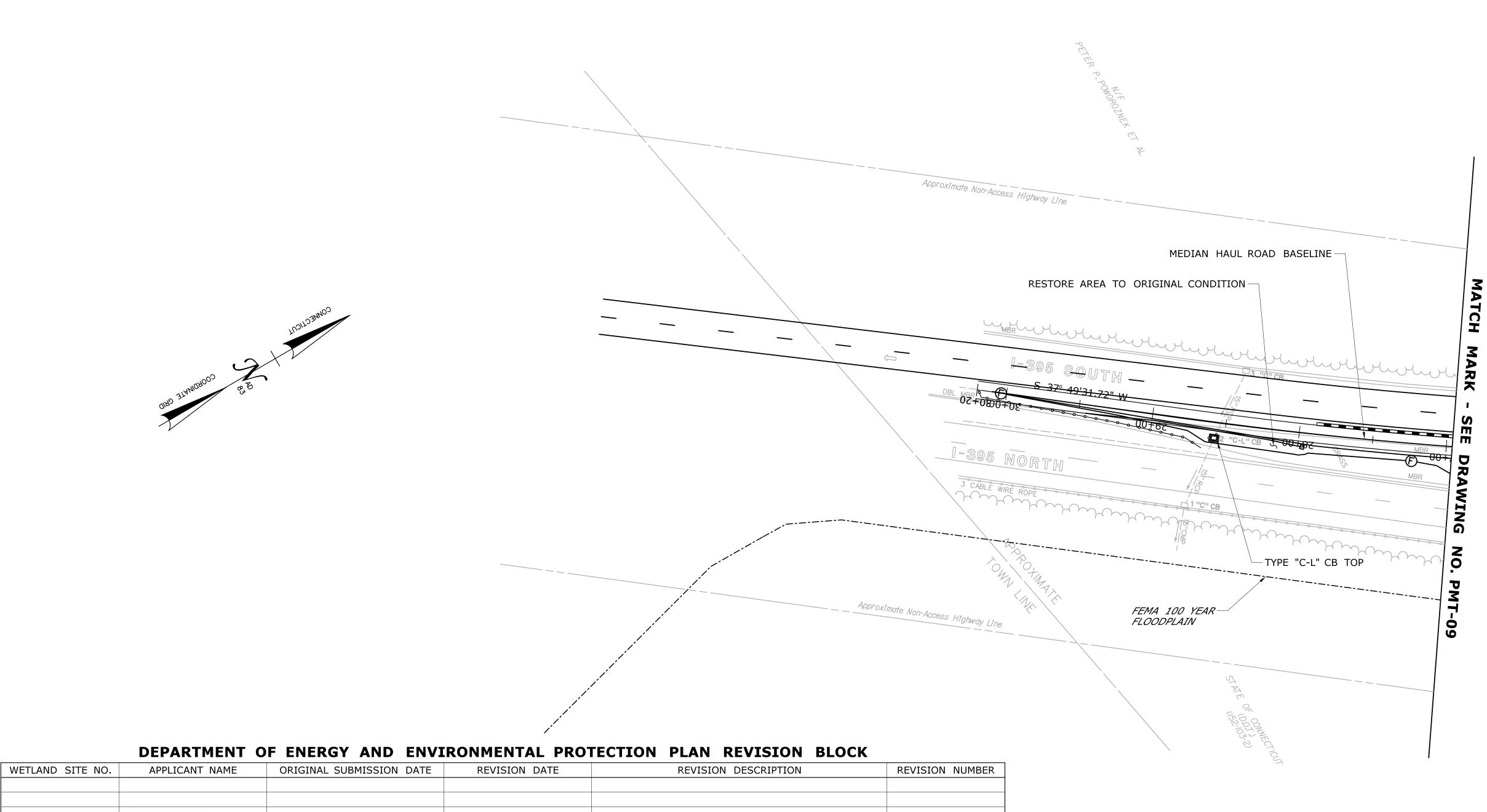
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION PLAN REVISION BLOCK

			· · · · · · · · · · · · · · · · · · ·		
WETLAND SITE NO.	APPLICANT NAME	ORIGINAL SUBMISSION DATE	REVISION DATE	REVISION DESCRIPTION	REVISION NUMBER

		DESIGNER/DRAFTER:	A SAME A	SIGNATURE/	PROJECT TITLE:	TOWN:	PROJECT NO.
_	THE INFORMATION, INCLUD	ESTIMATED JMG/AG		BLOCK:	LIST 21 CULVERT REHABILITATIO	MONTVILLE	170-287
-	SHEETS IS BASED ON LIV	CHECKED BY:	STATE OF CONNECTICUT	OFFICE OF ENGINEERING	E LISI ZI COLVEKI KLIIADILIIAIIO		DRAWING NO.
_	IN NO WAY WARRANTED	E AND IS INDICATE BKK	TRANSPORT STATE OF CONTINUES TO STANKE		I-395 OVER STRUCTURE NO. 0673	1 DRAWING TITLE:	─ PMT-08
_	THE CONDITIONS OF ACTU	QUANTITIES	DEPARTMENT OF TRANSPORTATION	APPROVED BY:	1 333 OVER SINGCIONE NOI 00/3		
	OF WORK WHICH WILL BE	QUIKED.	DELARTIER OF TRANSPORTATION		AND STRUCTURE NO. 06732	ATTACHMENT G	SHEET NO.
-		SCALE AS NOTED		I lili (Switzell)	AND SINGEIGHE NO. 00/32	PERMIT TITLE SHEET	03.86
RE	V. DATE REVISION DESCRIPTION SHEET NO. Plotted Date: 9/19/2013	:20:19 AM	Filename:\HW_MSH_0170_2875_(MONTVILLE)_PMT-08.dgn	William		PERMIT TITLE SHEET	



AND STRUCTURE NO. 06732	ATTACHMENT G PERMIT PLAN	SHEET NO. 03.88
LIST 21 CULVERT REHABILITATION 1-395 OVER STRUCTURE NO. 06731	DRAWING TITLE:	170-287 DRAWING NO. PMT-10
PROJECT TITLE:	TOWN:	PROJECT NO.
	ES: CONTRACTOR SHALL NOT DISTURB ANY RECESTION OF THE LIMITS OF THE NUMBERED WEDOWN IN THE PLANS.	GULATED AREA ETLAND SITES
NOT 1. THE		
00 YEAR—		
TYPE "C-L" CB TOP		
TI"C" CB		
S MBR MBR DOTH		
Photographic Park Park Park Park Park Park Park Park		
AL CONDITION— ATCH		
MEDIAN HAUL ROAD BASELINE		
TOP = 104.96' TOP = 112.55' BOT = 96.51' BOT = 106.95'	TOP = 113.64' BOT = 106.84' FL = 108.94'	
1 "C" CB 2 "C-L" CB	3 "C" CB	



STATE OF CONNECTICUT

DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0170_2875_(MONTVILLE)_PMT-10.dgn

OFFICE OF ENGINEERING

Will Batal

JMG/AG

SCALE IN FEET

SCALE 1"=40'

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

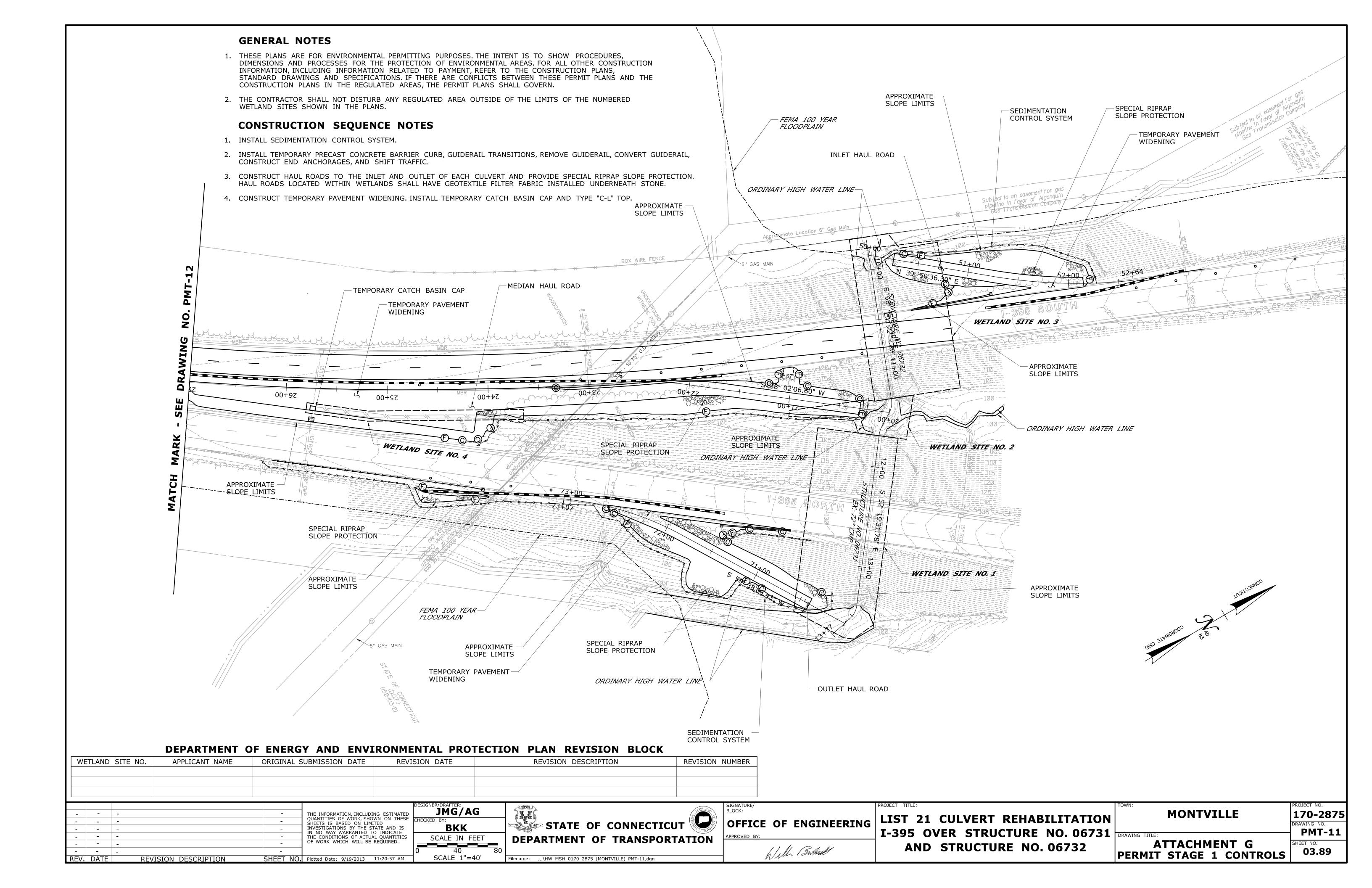
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REVISION DESCRIPTION

REV. DATE

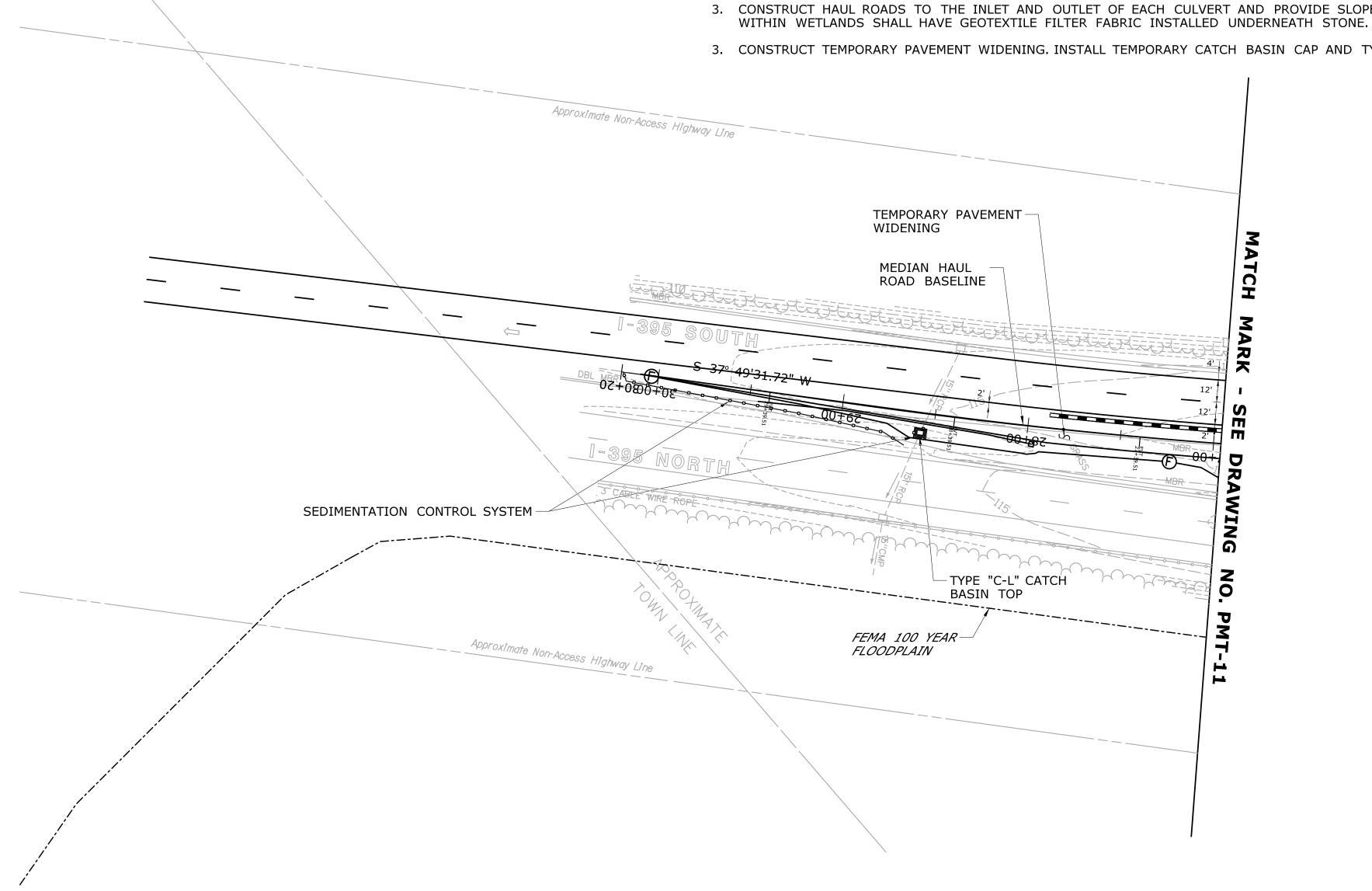


GENERAL NOTES

- 1. THESE PLANS ARE FOR ENVIRONMENTAL PERMITTING PURPOSES. THE INTENT IS TO SHOW PROCEDURES, DIMENSIONS AND PROCESSES FOR THE PROTECTION OF ENVIRONMENTAL AREAS. FOR ALL OTHER CONSTRUCTION INFORMATION, INCLUDING INFORMATION RELATED TO PAYMENT, REFER TO THE CONSTRUCTION PLANS, STANDARD DRAWINGS AND SPECIFICATIONS. IF THERE ARE CONFLICTS BETWEEN THESE PERMIT PLANS AND THE CONSTRUCTION PLANS IN THE REGULATED AREAS, THE PERMIT PLANS SHALL GOVERN.
- 2. THE CONTRACTOR SHALL NOT DISTURB ANY REGULATED AREA OUTSIDE OF THE LIMITS OF THE NUMBERED WETLAND SITES SHOWN IN THE PLANS.

CONSTRUCTION SEQUENCE NOTES

- 1. INSTALL SEDIMENTATION CONTROL SYSTEM.
- 2. INSTALL TEMPORARY PRECAST CONCRETE BARRIER CURB, GUIDERAIL TRANSITIONS, REMOVE GUIDERAIL, CONVERT GUIDERAIL, CONSTRUCT END ANCHORAGES, AND SHIFT TRAFFIC.
- 3. CONSTRUCT HAUL ROADS TO THE INLET AND OUTLET OF EACH CULVERT AND PROVIDE SLOPE PROTECTION. HAUL ROADS LOCATED
- 3. CONSTRUCT TEMPORARY PAVEMENT WIDENING. INSTALL TEMPORARY CATCH BASIN CAP AND TYPE "C-L" TOP.



DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION PLAN REVISION BLOCK

	WETLAND SITE NO.	APPLICANT NAME	ORIGINAL SUBMISSION DATE	REVISION DATE	REVISION DESCRIPTION	REVISION NUMBER
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-	-	-	_	THE INFORMATION, INCLUDING ESTIMATED	
-	ı	-	-	QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED	CF
-	-	-	-	INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE	
-	ı	-	-	THE CONDITIONS OF ACTUAL QUANTITIES	Г
-	-	-	-	OF WORK WHICH WILL BE REQUIRED.	l
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 9/19/2013 11:21:04 AM]

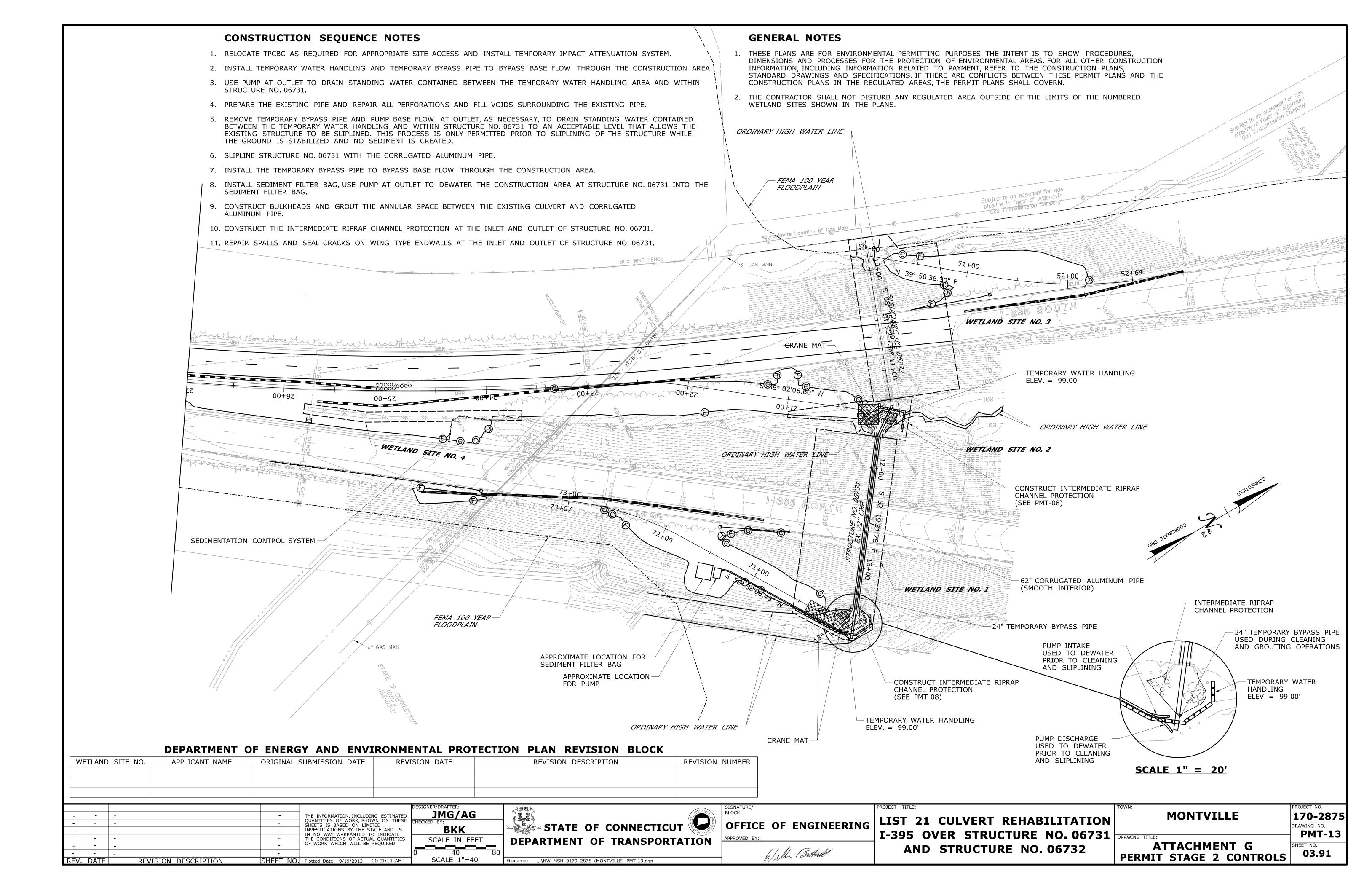
TED	JMG/AG	
ESE	CHECKED BY:	
:S E IES	BKK	
ES	SCALE IN FEET	
	0 40	8(
М	SCALE 1"=40'	

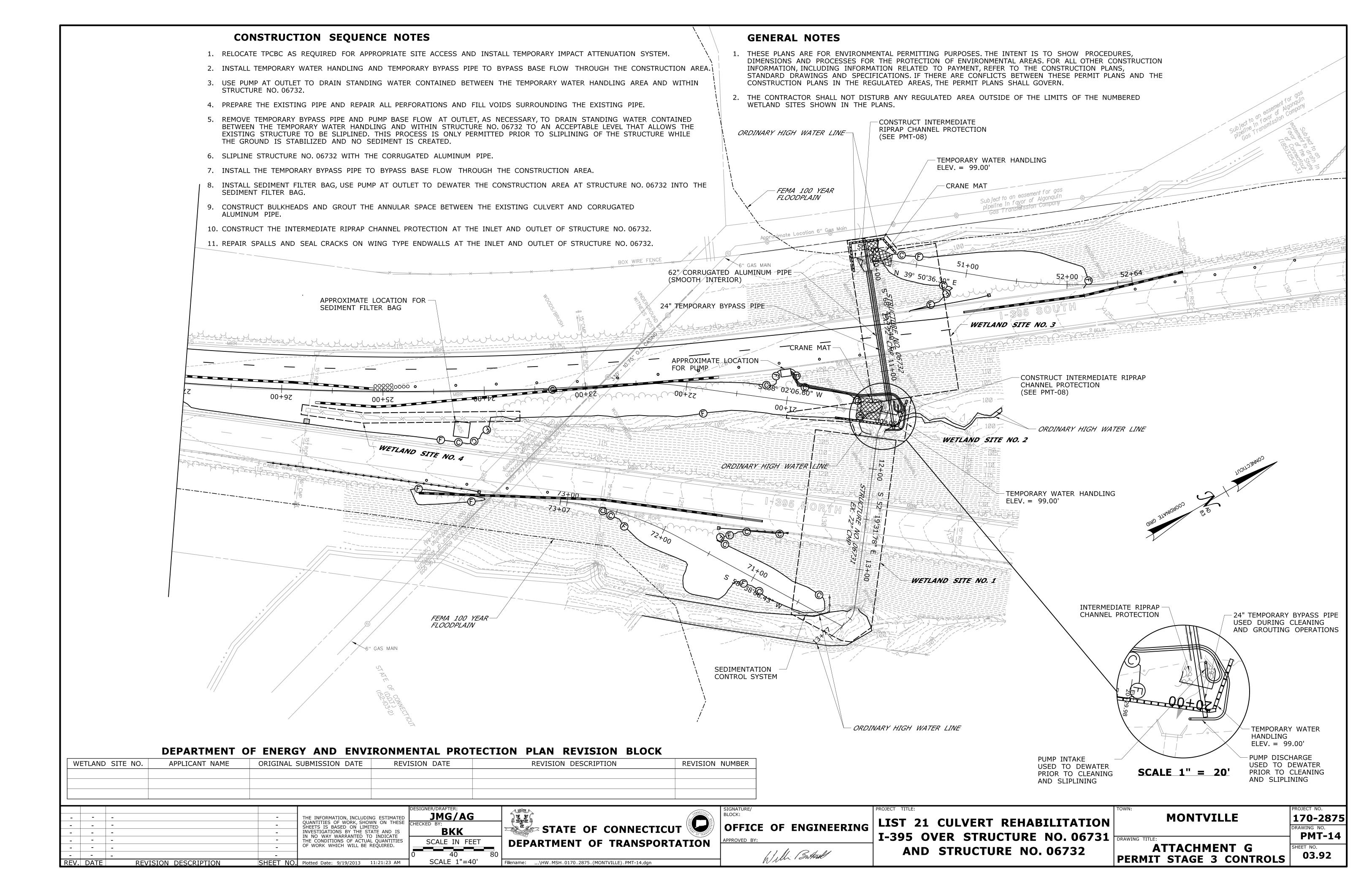
	STATE OF CONNECTICUT	CONNECTICO PARAMONE TRANS
0	DEPARTMENT OF TRANSPORTAT	ΓΙΟΝ
	Filename:\HW_MSH_0170_2875_(MONTVILLE)_PMT-12.dgn	

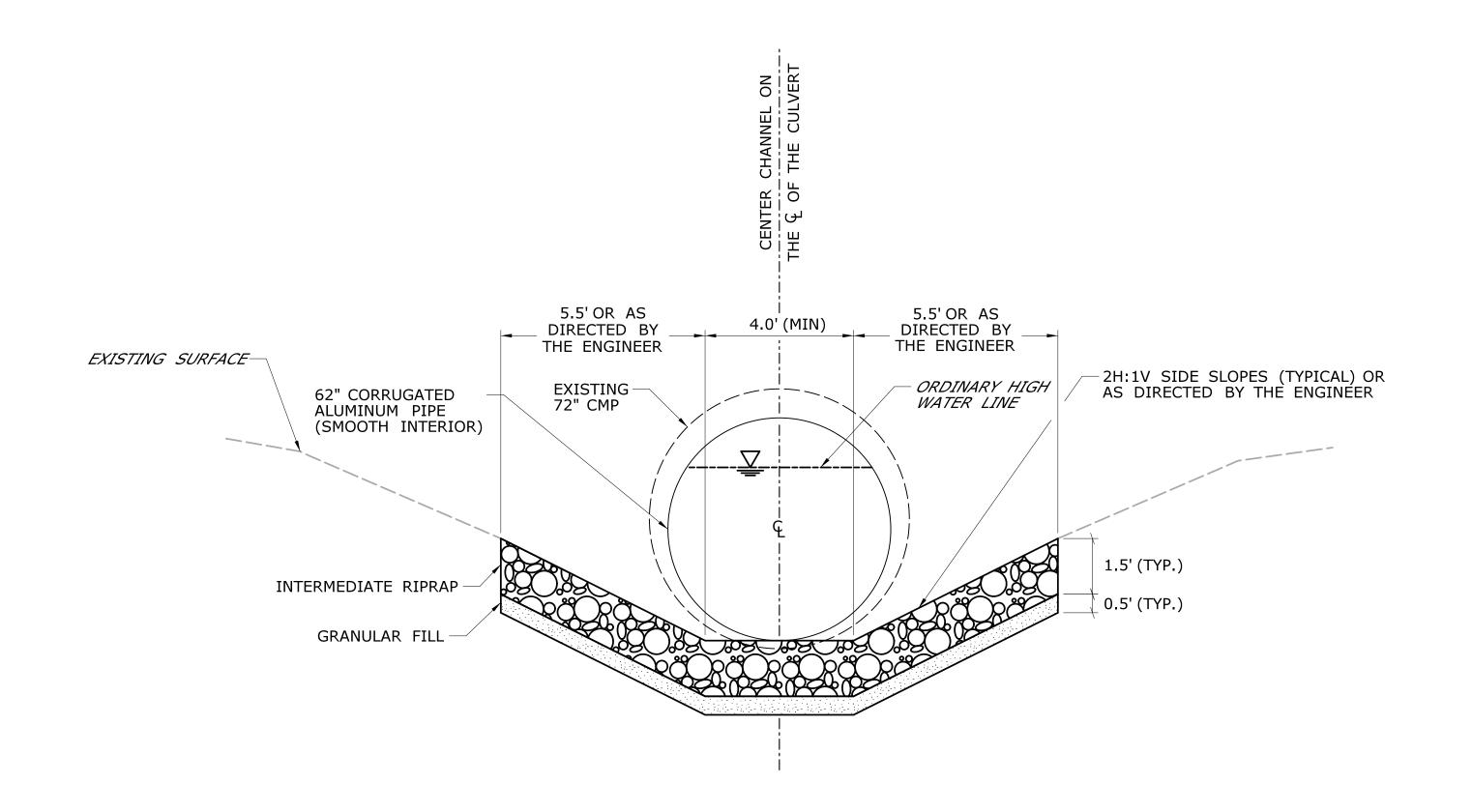
\	SIGNATURE/ BLOCK:	PF
)	OFFICE OF ENGINEERING	
	APPROVED BY:	•
	Will Butsell	

LIST 21 CULVERT REHABILITATION	
I-395 OVER STRUCTURE NO. 06731	
AND STRUCTURE NO. 06732	ľ

N:	PROJECT NO.
MONTVILLE	170-2875
	DRAWING NO.
WING TITLE:	PMT-12
ATTACHMENT G RMIT STAGE 1 CONTROLS	SHEET NO. 03.90







INTERMEDIATE RIPRAP CHANNEL PROTECTION (STRUCTURE NOS. 06731 & 06732 INLET & OUTLET)

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION PLAN REVISION BLOCK

WETLAND SITE NO.	APPLICANT NAME	ORIGINAL SUBMISSION DATE	REVISION DATE	REVISION DESCRIPTION	REVISION NUMBER

				DI		
-	_	-	_	THE INFORMATION, INCLUDING ESTIMATED		
-	_	-	-	QUANTITIES OF WORK, SHOWN ON THESE C		
-	_	-	-	INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE		
_	-	-	-	THE CONDITIONS OF ACTUAL QUANTITIES		
-	-	-	-	OF WORK WHICH WILL BE REQUIRED.		
-	-	-	-			
REV.	DATE	REVISION DESCRIPTION	SHEET N	O. Plotted Date: 9/19/2013 11:21:36 AM		

AG **BKK** NOT TO SCALE

STATE OF CONNECTICUT **DEPARTMENT OF TRANSPORTATION**

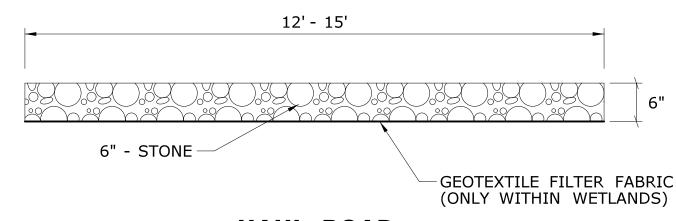
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OFFICE OF ENGINEERING Will Butterl

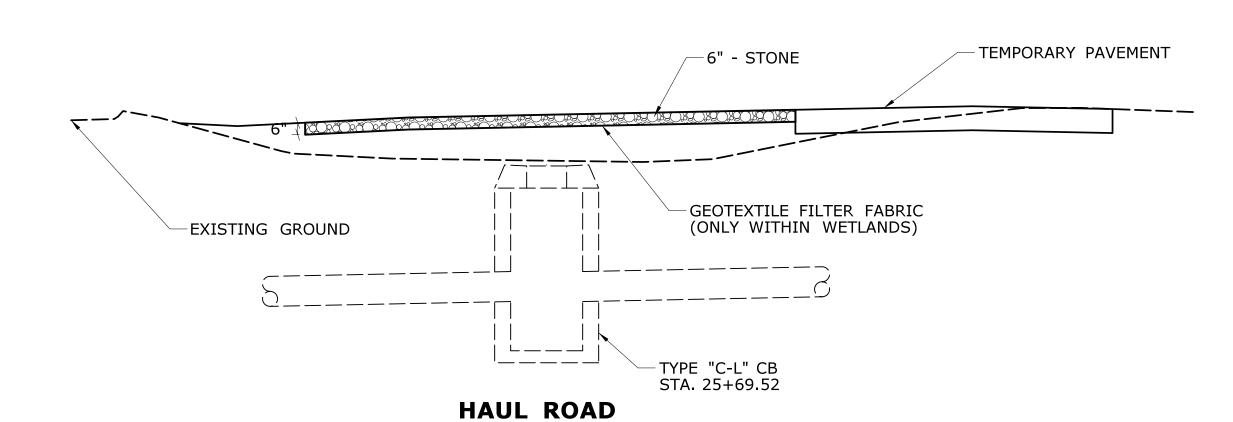
LIST 21 CULVERT REHABILITATION I-395 OVER STRUCTURE NO. 06731 DRAWING TITLE: AND STRUCTURE NO. 06732

MONTVILLE

170-2875 **PMT-15** ATTACHMENT G 03.93 DETAIL/ELEVATION VIEW



HAUL ROAD (INLET, OUTLET, AND MEDIAN)



(MEDIAN - STA. 23+95 TO 25+70)

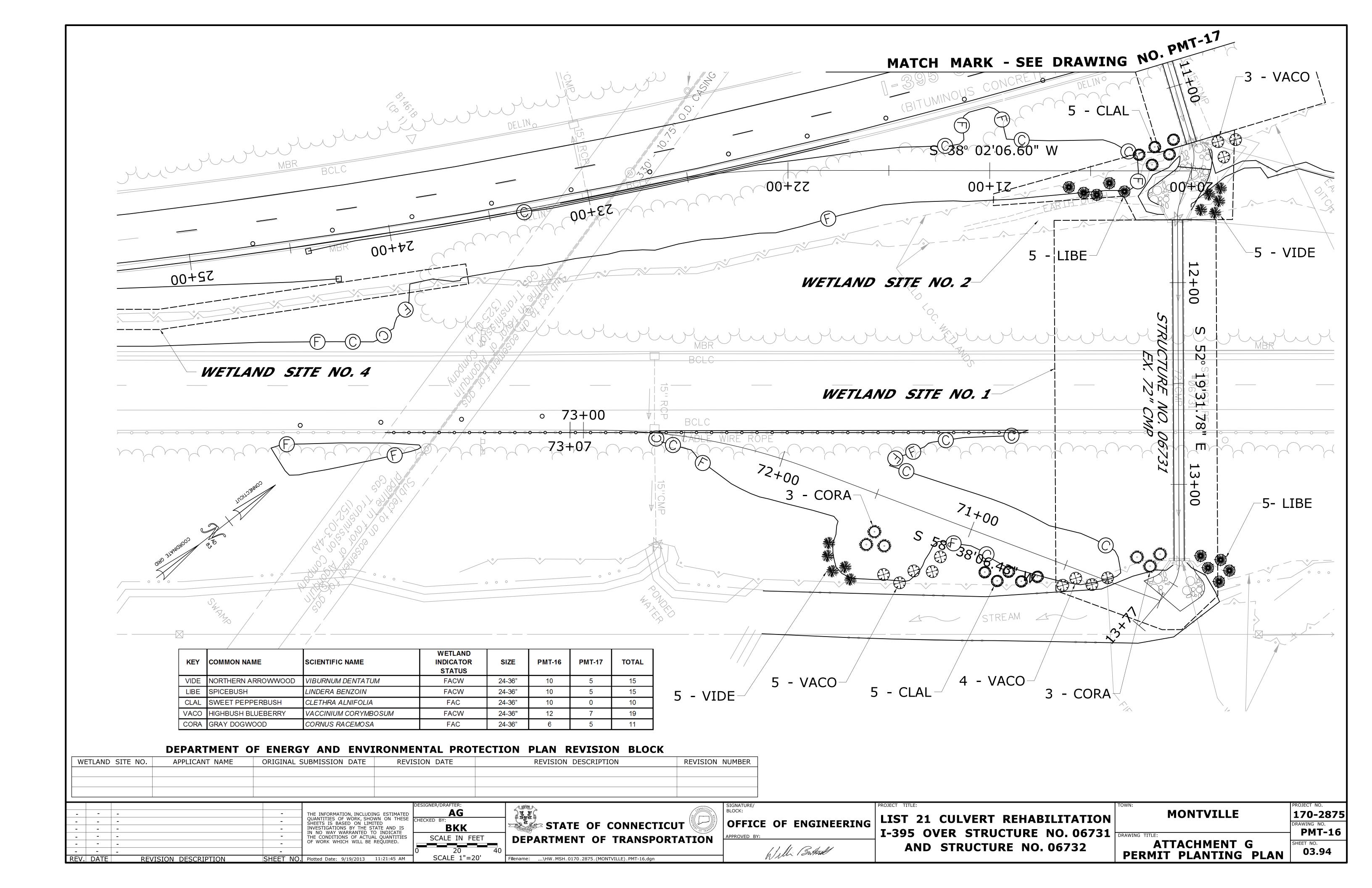
GENERAL NOTES

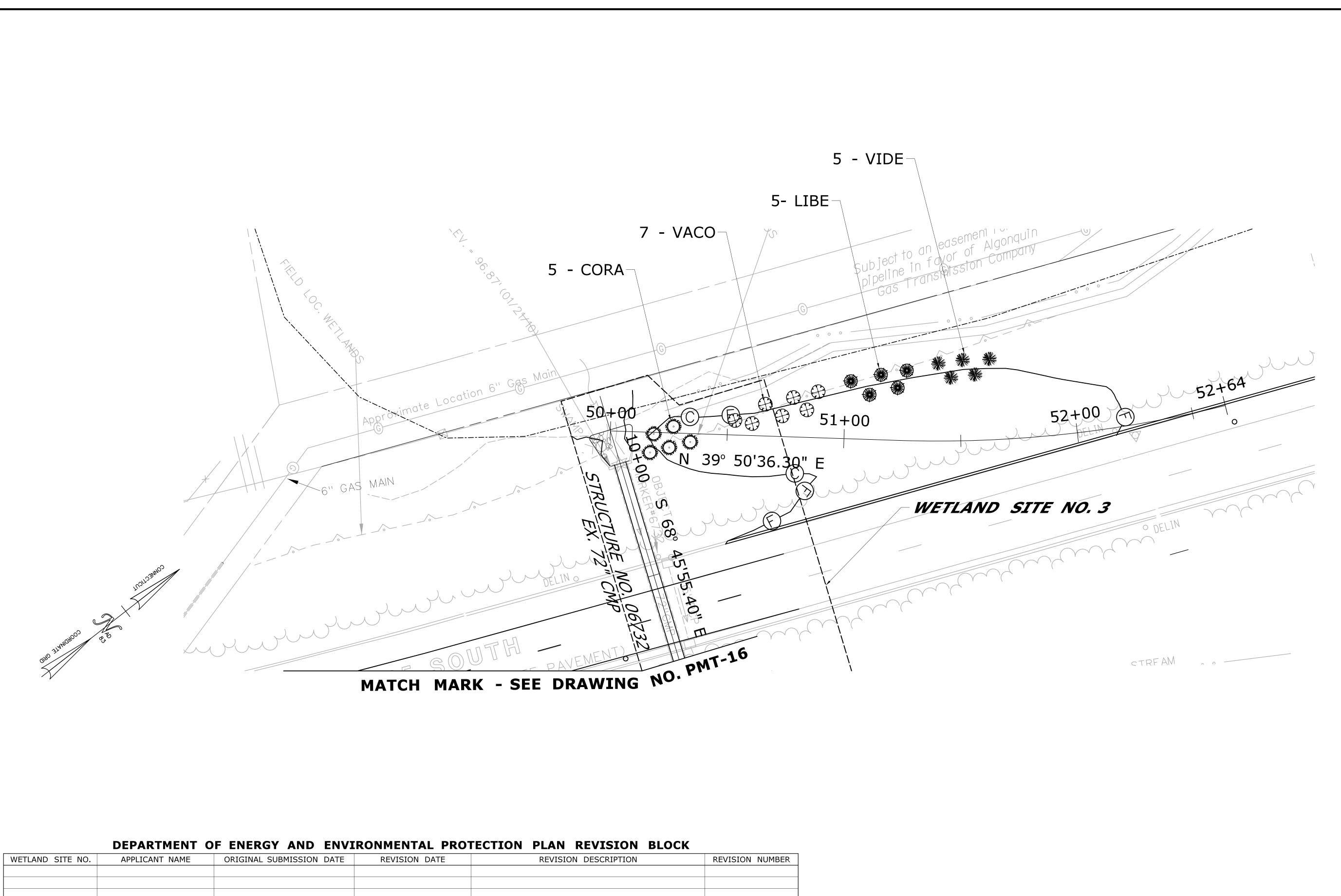
FOR INSTALLATION WITHIN WETLANDS:

- 1. EXCAVATE APPROXIMATELY 12" OF SOIL OR FILL APPROXIMATELY 12" TO 24" OF SOIL, AS NECESSARY.
- 2. INSTALL GEOTEXTILE FILTER FABRIC.
- 3. INSTALL 6" OF STONE ON TOP OF GEOTEXTILE FILTER FABRIC.

FOR REMOVAL WITHIN WETLANDS:

- 1. REMOVE 6" OF STONE AND THE GEOTEXTILE FILTER FABRIC.
- RESTORE WETLAND AREA TO ORIGINAL CONDITION, WHICH INCLUDES REGRADING, TOP SOIL, AND TURF ESTABLISHMENT.





		T	DESIGNER/DRAFTER:	A \$2083 A	SIGNATURE/	PROJECT TITLE:	TOV
	-	THE INFORMATION, INCLUDING ESTIMATED	AG	S. L. L. Connection	BLOCK:	LICE OF CHINEDE BEHABILITATION	.
	-	QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED		STATE OF CONNECTICUT	OFFICE OF ENGINEERING	LIST 21 CULVERT REHABILITATION	1
	-	INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE	BKK	STATE OF CONNECTICOT		I-395 OVER STRUCTURE NO. 06731	, L
	-	THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.	SCALE IN FEET	DEPARTMENT OF TRANSPORTATION	APPROVED BY:		· DRA
		-	0 20 40		Will Batal	AND STRUCTURE NO. 06732	
REV. DATE REVISION DESCRIPTION S	SHEET NO	Plotted Date: 9/19/2013 11:21:52 AM	SCALE 1"=20'	Filename:\HW_MSH_0170_2875_(MONTVILLE)_PMT-17.dgn	Will I swind		

MONTVILLE	170-2875
	DRAWING NO. PMT-17
ATTACHMENT G PERMIT PLANTING PLAN	SHEET NO. 03.95